

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: May 3, 2004, 17:03:47 ; Search time 2100 Seconds
(without alignments)
17777.214 Million cell updates/sec

Title: US-09-483-184A-1
Perfect score: 8253
Sequence: 1 tctagagcacaatgtgcctt.....gttcctgttctgtatctaga 8253

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 2936184 seqs, 2361732022 residues

Word size : 0

Total number of hits satisfying chosen parameters: 5872368

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Published Applications NA:
1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:
2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:
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5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:
6: /cgn2_6/ptodata/2/pubpna/PCT05_PUBCOMB.seq:
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:
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12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:
13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq2:
14: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:
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17: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:
18: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:
19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4650	56.3	23524	16	US-10-085-117-268
2	2937	35.6	3934	10	US-09-960-706-637
3	2937	35.6	3934	13	US-10-236-392-11
4	2818	34.1	3946	13	US-10-007-573-1
5	1866	22.6	3953	16	US-10-443-108-7
6	1626	19.7	6012	10	US-09-971-429B-21
7	1626	19.7	6012	14	US-10-002-600-43
8	1434	17.4	2430	16	US-10-085-117-269
9	1344	16.3	2875	15	US-10-247-671-28
10	679	8.2	1053	16	US-10-085-117-270
C 11	433	5.2	624	9	US-09-796-692-8824
C 12	433	5.2	624	15	US-10-040-862-8824
C 13	433	5.2	624	16	US-10-057-475B-8824
C 14	433	5.2	624	16	US-10-154-884B-8824

C 15	404	4.9	576	9	US-09-796-692-9029	Sequence 9029, Ap
C 16	404	4.9	576	15	US-10-040-862-9029	Sequence 9029, Ap
C 17	404	4.9	576	16	US-10-057-475B-9029	Sequence 9029, Ap
C 18	404	4.9	576	16	US-10-154-884B-9029	Sequence 9029, Ap
19	382	4.6	484	9	US-09-998-598-1774	Sequence 1774, Ap
20	312	3.8	499	9	US-09-796-692-7848	Sequence 7848, Ap
21	312	3.8	499	15	US-10-040-862-7848	Sequence 7848, Ap
22	312	3.8	499	16	US-10-057-475B-7848	Sequence 7848, Ap
23	312	3.8	499	16	US-10-154-884B-7848	Sequence 7848, Ap
24	287	3.5	397	10	US-09-918-995-12017	Sequence 12017, A
25	284	3.4	421	16	US-10-264-049-1422	Sequence 1422, Ap
26	282	3.4	421	10	US-09-918-995-15455	Sequence 15455, A
27	257	3.1	415	10	US-09-918-995-8369	Sequence 8269, Ap
28	251	3.0	610	13	US-10-236-392-17	Sequence 17, Appl
29	251	3.0	657	13	US-10-236-392-15	Sequence 15, Appl
30	251	3.0	724	13	US-10-236-392-13	Sequence 13, Appl
31	249	3.0	406	10	US-09-918-995-25820	Sequence 25820, A
32	231	2.8	334	13	US-10-085-783A-55184	Sequence 55184, A
33	231	2.8	334	16	US-10-242-533A-55184	Sequence 55184, A
34	193	2.3	238	9	US-09-867-701-8299	Sequence 8299, Ap
C 35	188	2.3	546	9	US-09-796-692-5538	Sequence 5538, Ap
C 36	188	2.3	546	15	US-10-040-862-5538	Sequence 5538, Ap
C 37	188	2.3	546	16	US-10-057-475B-5538	Sequence 5538, Ap
C 38	188	2.3	546	16	US-10-154-884B-5538	Sequence 5538, Ap
39	187	2.3	229	9	US-09-998-598-1904	Sequence 1904, Ap
C 40	187	2.3	258	9	US-09-998-598-1901	Sequence 1901, Ap
C 41	166	2.0	499	9	US-09-796-692-7951	Sequence 7951, Ap
C 42	166	2.0	499	15	US-10-040-862-7951	Sequence 7951, Ap
C 43	166	2.0	499	16	US-10-057-475B-7951	Sequence 7951, Ap
C 44	166	2.0	499	16	US-10-154-884B-7951	Sequence 7951, Ap
C 45	149	1.8	922	9	US-09-764-860-1112	Sequence 1112, Ap

ALIGNMENTS

RESULT 1

US-10-085-117-268
; Sequence 268, Application US/10085117
; Publication No. US20030232334A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: 529452000121
; CURRENT APPLICATION NUMBER: US/10/085,117
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 361
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 268
; LENGTH: 23524
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: variation
; LOCATION: (1)....(23524)
; OTHER INFORMATION: n = any nucleotide
US-10-085-117-268

Query Match	56.3%	Score 4650;	DB 16;	Length 23524;
Best Local Similarity	99.5%;	Pred. No. 0;		
Matches 8230;	Conservative 0;	Mismatches 14;	Indels 29;	Gaps 19;
Qy	1	TCTAGAGTCAAAATGTGCCTTATTATCATGACAAAATAAATGTCAGCTGGTGCAGT	60	
Db	8324	TCTAGAGTCAAAATGTGCCTTATTATCATGACAAAATAAATGTCAGCTGGTGCAGT	8383	
Qy	61	GACTCACCTGTGAATCCAGCACTTTAAGAGCTGAGGAGGTGGATCACCTGAGGCCA	120	
Db	8384	GACTCACCTGTGAATCCAGCACTTTAAGAGCTGAGGAGGTGGATCACCTGAGGCCA	8443	

121 GGAGTTTGAGACAGCCTGGCCAAACATGGTGAACACACATTGTGAGGCTCTGAGCCCA 180
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QY 4496 TACTGACGGAAGCTCAGTAATAGTATGAATATGGATATCTCAATCTTAAAGACAG 4555
Db 12816 TACTGACGGAAGCTCAGTAATAGTATGAATATGGATATCTCAATCTTAAAGACAG 12875
QY 4556 CTGTGAAATGATTTGTAATAATGTAATATTTTACAGAAAGTCTATTTCTTGAAC 4615
Db 12876 CTGTGAAATGATTTGTAATAATGTAATATTTTACAGAAAGTCTATTTCTTGAAC 12935
QY 4616 GAAGGAAGTATCGAATTTACATTAATTTTTCATACCTTTTGAACCTTTGCAACTTCG 4675
Db 12936 GAAGGAAGTATCGAATTTACATTAATTTTTCATACCTTTTGAACCTTTGCAACTTCG 12995
QY 4676 TAAATTAGGAACCTGTTCTTACAGCTTTTCTATGCTTAAACCTTTGCTGTTCACTCTAG 4735
Db 12996 TAAATTAGGAACCTGTTCTTACAGCTTTTCTATGCTTAAACCTTTGCTGTTCACTCTAG 13055
QY 4736 AGTGATACAGAACGAATGTATGTAAGTGTATGCTGTATGCGACGCTGGTGTAGTGGAAACAATC 4795
Db 13056 AGTGATACAGAACGAATGTATGTAAGTGTATGCTGTATGCGACGCTGGTGTAGTGGAAACAATC 13115
QY 4796 TGATAAATATCAGAGTTTAAATTTTCTTATCTGATTTTGGTAACTATTCCTTATAGTAGG- 4854
Db 13116 TGATAAATATCAGAGTTTAAATTTTCTTATCTGATTTTGGTAACTATTCCTTATAGTAGG 13175
QY 4855 TTTTCTTTGAAAACCTGGATTTGAGAGGTTGATGAATGGAATTTCTTCACTTCAATATA 4914
Db 13176 TTTTCTTTGAAAACCTGGATTTGAGAGGTTGATGAATGGAATTTCTTCACTTCAATATA 13235
QY 4915 TGCAGTTTCAATAATTAAGTCTTAAGTGGAGTTTAAAGTTACTGATGATCTTACAATA 4974
Db 13236 TGCAGTTTCAATAATTAAGTCTTAAGTGGAGTTTAAAGTTACTGATGATCTTACAATA 13295
QY 4975 ATGGGCTGATTTGGGCAATACTCATTTGAGTTCCTTCCATTTGACCTAAATTTAACTGGT 5034
Db 13296 ATGGGCTGATTTGGGCAATACTCATTTGAGTTCCTTCCATTTGACCTAAATTTAACTGGT 13355
QY 5035 GAAATTTAAAGTGAATTCATGGGCTCATCTTTAAAGCTTTTACTTAAAGATTTTCAGCTG 5094
Db 13356 GAAATTTAAAGTGAATTCATGGGCTCATCTTTAAAGCTTTTACTTAAAGATTTTCAGCTG 13415
QY 5095 AATGGAACCTCATTAGCTGTGTCATATAAAGATCACATCAGGTGGATGGAGAGACATT 5154
Db 13416 AATGGAACCTCATTAGCTGTGTCATATAAAGATCACATCAGGTGGATGGAGAGACATT 13475
QY 5155 TGATCCCTGTTGTTGTTAAATAATTAATAATGATGGCTTGGAAAGACAGCTAGTCTAA 5214
Db 13476 TGATCCCTGTTGTTGTTAAATAATTAATAATGATGGCTTGGAAAGACAGCTAGTCTAA 13535
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Db 13536 CCATGGTCTATTATTAGGCTTGTCTTTTACACACAGAGTCTAAGCTTAGTATGTCAT 13595
QY 5275 AAAGCAAACTACTTACTGTTTGTCTTATTAATGATTTCCCAACCTTTGTCGAAGTTT 5334
Db 13596 AAAGCAAACTACTTACTGTTTGTCTTATTAATGATTTCCCAACCTTTGTCGAAGTTT 13655
QY 5335 GCATTTGCATCTTTGGAATTCAGTCTGATGTTTGTCTTATCAGACTTAACCTTTTATTT 5394
Db 13656 GCATTTGCATCTTTGGAATTCAGTCTGATGTTTGTCTTATCAGACTTAACCTTTTATTT 13715
QY 5395 CCTGTCCTTCCCTTGAATTTGCTGATTTGCTGCTCCCTCTACAGATATTTATCAATTC 5454
Db 13716 CCTGTCCTTCCCTTGAATTTGCTGATTTGCTGCTCCCTCTACAGATATTTATCAATTC 13775
QY 5455 CTACAGCTTTCCCTGCAATCCCTGAACTCTTTCTAGCCCTTTTATGATTTTGGACCTGTG 5514
Db 13776 CTACAGCTTTCCCTGCAATCCCTGAACTCTTTCTAGCCCTTTTATGATTTTGGACCTGTG 13835
QY 5515 AAACCCCTGCTGGAACCTGAGTACCCTCCCTCCCAAGAGTCCACAGACCTTTCA 5574
Db 13836 AAACCCCTGCTGGAACCTGAGTACCCTCCCTCCCAAGAGTCCACAGACCTTTCA 13895
QY 5575 TCTTTACGAACCTGATCCTGTTAGCAGGTTGATACCATCAGGTTGCTGTGACACTAACA 5634

Db 13896 TCTTTTACGAACCTTGATCTCTGTTAGCAGTGTATAACCAATGGGTGCTGTGACATAACA 13955
QY 5635 GTCAATTGAGAGGTGGAGGAAGTCCCTTTTCTTCCGTGACTGGTATCTTTTCAACTATTGTT 5694
Db 13956 GTCAATTGAGAGGTGGAGGAAGTCCCTTTTCTTCCGTGACTGGTATCTTTTCAACTATTGTT 14015
QY 5695 TTATCCTGCTTTTGGGGCAATGTGTCAAAAGTCCCTCCCTCAGGAATTTTTCAGAGGAAGAA 5754
Db 14016 TTATCCTGCTTTTGGGGCAATGTGTCAAAAGTCCCTCCCTCAGGAATTTTTCAGAGGAAGAA 14075
QY 5755 CATTTTATCAGGCTTTTCTTAAAGTTTCTTTTGTATAGAGTATGCTCACCTTAAATTTTAC 5814
Db 14076 CATTTTATCAGGCTTTTCTTAAAGTTTCTTTTGTATAGAGTATGCTCACCTTAAATTTTAC 14135
QY 5815 AGAAGAGGTGAGCTGTGTATAAACCCTCAGAGTTTAAAGCTACTGATAAATCTGAAGAAAG 5874
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QY 5875 TGTCTATATTGGAACCTTAGGCTCATTTGAAAGCTTCAGTCTCGGAACATGACCTTTAGTCT 5934
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QY 5935 GTGGACTCCATTTAAATATAGGTATGAATAGATGACTAAGAAATGTAATGGGGAAGAACT 5994
Db 14256 GTGGACTCCATTTAAATATAGGTATGAATAGATGACTAAGAAATGTAATGGGGAAGAACT 14315
QY 5995 GCCTGCTGCTCCATCTCAGAGCCATAAGTCTCATCTTGTAGAGCTATTTTACTATG 6054
Db 14316 GCCTGCTGCTCCATCTCAGAGCCATAAGTCTCATCTTGTAGAGCTATTTTACTATG 14375
QY 6055 TATTTATCTCTTCTGATCATAAAGCCCTTATTTATATCATGATCTCTAAGAACCTTAAAA 6114
Db 14376 TATTTATCTCTTCTGATCATAAAGCCCTTATTTATATCATGATCTCTAAGAACCTTAAAA 14435
QY 6115 GCACCTTATGATGTTTAAATTAATCTTAAGATCTGTTTACGGTAACCT--AAAAGCTGCT 6172
Db 14436 GCACCTTATGATGTTTAAATTAATCTTAAGATCTGTTTACGGTAACCTTAAAGAACCTGCT 14495
QY 6173 CTGCCAAATCCAGTGGAAACAAAGTGCATAGATGTGAATTTGGTTTTAGGGGCCCACTTC 6232
Db 14496 CTGCCAAATCCAGTGGAAACAAAGTGCATAGATGTGAATTTGGTTTTAGGGGCCCACTTC 14555
QY 6233 CCAATTCATAGTATGACTGTGGAATACAGACAGGA-CTTAGTTGATATTTTGGGCT 6291
Db 14556 CCAATTCATAGTATGACTGTGGAATACAGACAGGATCTTAGTTGATATTTTGGGCT 14615
QY 6292 TGGGGCAGTGAAGGCTTAGGACACCCCAAGTGGTTTGGGAAAGAGGAGGA-GGAGTGGTGG 6350
Db 14616 TGGGGCAGTGAAGGCTTAGGACACCCCAAGTGGTTTGGGAAAGAGGAGGAGTGGTGG 14675
QY 6351 GTTTATA-GGGGAGGAGGAGGAGGCTGCTTAAGTCTGACTGCTGCTAGTGTAGTTCGGCA 6409
Db 14676 GTTTATAGGGGAGGAGGAGGAGGCTGCTTAAGTCTGACTGCTGCTAGTGTAGTTCGGCA 14735
QY 6410 AATCTCCAAAAGGGAAGGAGGATTTGCTTAGAAGATGGGCTCCAGTGAATCTACT 6469
Db 14736 AATCTCCAAAAGGGAAGGAGGATTTGCTTAGAAGATGGGCTCCAGTGAATCTACT 14795
QY 6470 TTTGACTCTGTTGTCTTACGCTTCTCAGGGGAAAAACATGCACTGCTCTAGTGTTC 6529
Db 14796 TTTGACTCTGTTGTCTTACGCTTCTCAGGGGAAAAACATGCACTGCTCTAGTGTTC 14855
QY 6530 ATGTACATTTCTGTTGGGGTGAACACCTTGGTTCTGGTTTAAACAGCTGTACTTTTGAAG 6589
Db 14856 ATGTACATTTCTGTTGGGGTGAACACCTTGGTTCTGGTTTAAACAGCTGTACTTTTGAAG 14915
QY 6590 CTGTGCCAGGAAGGTTAGGACCAACTACAAATTAATGTTGTTGTTCAAAATGATGTGT 6649
Db 14916 CTGTGCCAGGAAGGTTAGGACCAACTACAAATTAATGTTGTTGTTGTTCAAAATGATGTGT 14975
QY 6650 TTCCCTAACTTCTGTTTCTGTTTCTGAGAAAAAATAAATCTTTTATTCAAAATACAGGT 6709


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QY 6107 ACCTAAAGCAGCTTATGTAGTTTAAATTAATCTTAAGATCTGGTACGGTAACATAAAA 6166
Db 3336 ACCTAAAGCAGCTTATGTAGTTTAAATTAATCTTAAGATCTGGTACGGTAACATAAAA 3395
QY 6167 GCCTGTCTGCAATCAGTGGAAACAAGTGCATAGATGTAATCTGGTTTATAGGGGCC 6226
Db 3396 GCCTGTCTGCAATCAGTGGAAACAAGTGCATAGATGTAATCTGGTTTATAGGGGCC 3455
QY 6227 CACTTCCCAATTCATTAGGTATGACTGTGTGGAATAACAGACAAGCACTTAGTTGATATTTT 6286
Db 3456 CACTTCCCAATTCATTAGGTATGACTGTGTGGAATAACAGACAAGCACTTAGTTGATATTTT 3515
QY 6287 GGCCTTGGGACGTGAGGGCTTAGGACACCCCAAGTGTGTTGGAAAGGAGGAGGAGTG 6346
Db 3516 GGCCTTGGGACGTGAGGGCTTAGGACACCCCAAGTGTGTTGGAAAGGAGGAGGAGTG 3575
QY 6347 GTGGGTTTATAGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGTG 6406
Db 3576 GTGGGTTTATAGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGTG 3635
QY 6407 GCAATCCTCCAAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGTG 6466
Db 3636 GCAATCCTCCAAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGTG 3695
QY 6467 CTTTTTGACCTCTCTTCTTACGCTTCTCTCAGGGAACCAATGCAGTCTCTTAGTGT 6526
Db 3696 CTTTTTGACCTCTCTTCTTACGCTTCTCTCAGGGAACCAATGCAGTCTCTTAGTGT 3755
QY 6527 TTCAATGATATCTCTGGGGGGTGAACACCTTGGTCTGTGTTAAACAGCTGTACTTTGA 6586
Db 3756 TTCAATGATATCTCTGGGGGGTGAACACCTTGGTCTGTGTTAAACAGCTGTACTTTGA 3815
QY 6587 TAGCTGTGCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGTG 6646
Db 3816 TAGCTGTGCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGTG 3875
QY 6647 TGTTTCCCTAACCTTCTGTTTTTCTGAGAAAAAATAAATCTTTTATTCAAATA 6703
Db 3876 TGTTTCCCTAACCTTCTGTTTTTCTGAGAAAAAATAAATCTTTTATTCAAATA 3932
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RESULT 3

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US-10-236-392-11
; Sequence 11, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Catterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: LaRoche, William J
; APPLICANT: Li, Li
; APPLICANT: McDougall, John R
; APPLICANT: Maiyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark E

Query Match 35.6%; Score 2937; DB 13; Length 3934;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2937; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3767 GGATGGGTTTGTGGAGTTCTTCCATGTAGAGGACCTAGAGGTGGCATCAGGAATGTGCT 3826
Db 996 GGATGGGTTTGTGGAGTTCTTCCATGTAGAGGACCTAGAGGTGGCATCAGGAATGTGCT 1055
QY 3827 GCTGCTTTTTCAGGTGTTGCTGGAGTAGGAGTGGTTGGCATATCTAATAAGATAGCC 3886
Db 1056 GCTGCTTTTTCAGGTGTTGCTGGAGTAGGAGTGGTTGGCATATCTAATAAGATAGCC 1115
QY 3887 TTACTGTAAAGTCAATAGTTGACTTTTAAACCAACCAACCAACCAACCAACCAAGTAT 3946
Db 1116 TTACTGTAAAGTCAATAGTTGACTTTTAAACCAACCAACCAACCAACCAAGTAT 1175
QY 3947 GCAGTTGGACTCCAGCTGTAACTTCTAGAGTTGCACCTAGCAACCTAGCCAGAAAG 4006
Db 1176 GCAGTTGGACTCCAGCTGTAACTTCTAGAGTTGCACCTAGCAACCTAGCCAGAAAG 1235
QY 4007 CAAAGTGGCAAGAGGATTAAGCTTAAACAGAAATAATACATGGGAAGAGTGTCCCATG 4066
Db 1236 CAAAGTGGCAAGAGGATTAAGCTTAAACAGAAATAATACATGGGAAGAGTGTCCCATG 1295
QY 4067 ATTGAAGTCACTCTCTGGAAGAGCAAGTCTAGTTTTCAGCAACCAACCAACCTTCTT 4126
Db 1296 ATTGAAGTCACTCTCTGGAAGAGCAAGTCTAGTTTTCAGCAACCAACCAACCTTCTT 1355
QY 4127 TGGGAAGCTATGGAGGAGGACTTTTAGATTTTAGTGAAGATGTAGGGTGGAAAGCTTAA 4186
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QY 4187 TTTCCTTCTTGAACAGAGGAGTGGCCAGTAGCCAGGAGTCAATGATTTGATTTACCC 4246
Db 4187 TTTCCTTCTTGAACAGAGGAGTGGCCAGTAGCCAGGAGTCAATGATTTGATTTACCC 4246
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QY 6407 GCAATCCTCCAAAGGGAAGGAGGATTTGCTTAGAGGATGGGGCTCCAGTACTA 6466
DB 3636 GCAATCCTCCAAAGGGAAGGAGGATTTGCTTAGAGGATGGGGCTCCAGTACTA 3695
QY 6467 CTTTTGACTCTGTTGTTTACGCTTCTCTCAGGGAAGGACATGAGTCTCTAGTGT 6526
DB 3696 CTTTTGACTCTGTTGTTTACGCTTCTCTCAGGGAAGGACATGAGTCTCTAGTGT 3755
QY 6527 TTCAATGACATCTGTTGGGGGTGACACCTTGGTTCTGGTTAAACAGCTGTACTTTGA 6586
DB 3756 TTCAATGACATCTGTTGGGGGTGACACCTTGGTTCTGGTTAAACAGCTGTACTTTGA 3815
QY 6587 TAGCTGTGCGCAGGAAGGGTTAGGACCAACTACAAATTAATGTTGGTTGTCAAATGTAGTG 6646
DB 3816 TAGCTGTGCGCAGGAAGGGTTAGGACCAACTACAAATTAATGTTGGTTGTCAAATGTAGTG 3875
QY 6647 TGTTTCCCTAACTTCTGTTTCTCTGAGAAAAAATAAATCTTTTATCAATA 6703
DB 3876 TGTTTCCCTAACTTCTGTTTCTCTGAGAAAAAATAAATCTTTTATCAATA 3932

RESULT 4
US-10-007-573-1
; Sequence 1, Application US/10007573
; Publication No. US20020086321A1
; GENERAL INFORMATION:
; APPLICANT: CRAIG, Ruth
; TITLE OF INVENTION: MYELOID CELL LEUKEMIA ASSOCIATED GENE MCL-1
; FILE REFERENCE: DART100-6
; CURRENT APPLICATION NUMBER: US/10/007,573
; PRIORITY FILING DATE: 2001-11-02
; PRIOR FILING DATE: US 09/687,260
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: US 09/378,536
; PRIOR FILING DATE: 1999-08-20
; PRIOR APPLICATION NUMBER: US 09/211,640
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: US 08/441,375
; PRIOR FILING DATE: 1995-05-15
; PRIOR APPLICATION NUMBER: US 08/077,848
; PRIOR FILING DATE: 1993-06-16
; PRIOR APPLICATION NUMBER: US 08/012,307
; PRIOR FILING DATE: 1993-02-02
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3946
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (61)..(1110)
; NAME/KEY: misc feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: When nucleotide 740 = C, amino acid 227 = A; when
; OTHER INFORMATION: nucleotide 740 = T, amino acid 227 = V
US-10-007-573-1

Query Match 34.1%; Score 2818; DB 13; Length 3946;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2868; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3767 GGATGGGTTTGGAGTTCTTCATGTAGAGACCTAGAGGTGGCATCAGGAATGTGCT 3826
DB 996 GGATGGGTTTGGAGTTCTTCATGTAGAGACCTAGAGGTGGCATCAGGAATGTGCT 1055
QY 3827 GCTGGCTTTTGAGGTTGTTGCTGGAGTAGAGCTGGTTGGCATATCTAATAAGATAGCC 3886
DB 1056 GCTGGCTTTTGAGGTTGTTGCTGGAGTAGAGCTGGTTGGCATATCTAATAAGATAGCC 1115
QY 3887 TTACTGTAGTCAATAGTGTACTTTTAAACCAACCAACCAACCAACCAACCAACCAACCA 3946

DB 1116 TTACTGTAGTCAATAGTGTACTTTTAAACCAACCAACCAACCAACCAACCAACCAACCA 1175
QY 3947 GCAGTTGGAGCTCCAAAGCTGTAACTTCTAGAGTTGCAACCTAGCAACCTAGCAACCAAG 4006
DB 1176 GCAGTTGGAGCTCCAAAGCTGTAACTTCTAGAGTTGCAACCTAGCAACCTAGCAACCAAG 1235
QY 4007 CAAGTGGCAAGAGGATTTATGCTAAACAGAAATAATACATGGGAAGAGTGTCTCCCAATTG 4066
DB 1236 CAAGTGGCAAGAGGATTTATGCTAAACAGAAATAATACATGGGAAGAGTGTCTCCCAATTG 1295
QY 4067 ATTGAAGAGTCACTGTCTGAAAGAACAAAGTTTCAGTTTCAGCAACCAACCAACCAACTTGT 4126
DB 1296 ATTGAAGAGTCACTGTCTGAAAGAACAAAGTTTCAGTTTCAGCAACCAACCAACCAACTTGT 1355
QY 4127 TGGGAAGCTATGGAGGAGGACTTTTACATTTAGTGAAGATGTTAGGTTGGGAAGACTTAA 4186
DB 1356 TGGGAAGCTATGGAGGAGGACTTTTACATTTAGTGAAGATGTTAGGTTGGGAAGACTTAA 1415
QY 4187 TTTCTCTTGTGAGAACAGGAAGTGGCCAGTGGCCAGTGGCCAGTGGCCAGTGGCCAGTGGCC 4246
DB 1416 TTTCTCTTGTGAGAACAGGAAGTGGCCAGTGGCCAGTGGCCAGTGGCCAGTGGCCAGTGGCC 1475
QY 4247 GCCGAATTCATTAATTTACTGTAGTGTGTTAGAGAGCACTAAGAAATGCCAGTGCCT 4306
DB 1476 GCCGAATTCATTAATTTACTGTAGTGTGTTAGAGAGCACTAAGAAATGCCAGTGCCT 1535
QY 4307 GTGTAAAGTTTCAAGTAATAGAACTATGACTGTAAAGCTCAGTACTGTACAAAGGAAGC 4366
DB 1536 GTGTAAAGTTTCAAGTAATAGAACTATGACTGTAAAGCTCAGTACTGTACAAAGGAAGC 1595
QY 4367 TTTTCTCTCTCTAATTTAGCTTTTCCAGTATACCTTTTAGAAAGTCCAAAGTTTCAGGAC 4426
DB 1596 TTTTCTCTCTCTAATTTAGCTTTTCCAGTATACCTTTTAGAAAGTCCAAAGTTTCAGGAC 1655
QY 4427 TTTTATACCTGTGTATACCTTTGGCTTGGTTCATGATTTCTTACTTTATAGCTAGTGTAT 4486
DB 1656 TTTTATACCTGTGTATACCTTTGGCTTGGTTCATGATTTCTTACTTTATAGCTAGTGTAT 1715
QY 4487 CACCAATTAATCTTTCAGGAAGCTCAGTAAATAGTGTATGAATGATGATATCCTCAATTC 4546
DB 1716 CACCAATTAATCTTTCAGGAAGCTCAGTAAATAGTGTATGAATGATGATATCCTCAATTC 1775
QY 4547 TTAAGACAGCTGTAAATGTATTTGTAATAATTTGTAATAATTTTACAGAAAGTCTAATTT 4606
DB 1776 TTAAGACAGCTGTAAATGTATTTGTAATAATTTGTAATAATTTTACAGAAAGTCTAATTT 1835
QY 4607 CTTTGAACCGAAGGAGTATCGAATTTTACATTTAGTGTGTATGATGATGATGATGATGATG 4666
DB 1836 CTTTGAACCGAAGGAGTATCGAATTTTACATTTAGTGTGTATGATGATGATGATGATGATG 1895
QY 4667 CACTTCGGTAATTAGGAACCTGTTTCTTACAGCTTTTCTATGCTAATCTTGTCTGTT 4726
DB 1896 CACTTCGGTAATTAGGAACCTGTTTCTTACAGCTTTTCTATGCTAATCTTGTCTGTT 1955
QY 4727 CAGTTCCTAGAGTGTATACAGAACGATGATGATGATGATGATGATGATGATGATGATGATG 4786
DB 1956 CAGTTCCTAGAGTGTATACAGAACGATGATGATGATGATGATGATGATGATGATGATGATG 2015
QY 4787 GAACAAATCTGATAAATATGAGGTTTAAATTTCTTATCTGATTTTGGTAAGTATTCCT 4846
DB 2016 GAACAAATCTGATAAATATGAGGTTTAAATTTCTTATCTGATTTTGGTAAGTATTCCT 2075
QY 4847 TAGATAGGTTTCTTTCGAACCTGGGATTTGAGAGGTTGATGATGATGATGATGATGATGATG 4906
DB 2076 TAGATAGGTTTCTTTCGAACCTGGGATTTGAGAGGTTGATGATGATGATGATGATGATGATG 2135
QY 4907 TCATTATATGCAAGTGTTCATTAATTAAGTCTTAAGTGGAGTTTAAAGTTTACTGATGATG 4966
DB 2136 TCATTATATGCAAGTGTTCATTAATTAAGTCTTAAGTGGAGTTTAAAGTTTACTGATGATG 2195
QY 4967 TACAAATAATGGGCTCTGATGGCAATACCTATTGAGTTCCTTCCATTGGACCTAAT 5026
DB 2196 TACAAATAATGGGCTCTGATGGCAATACCTATTGAGTTCCTTCCATTGGACCTAAT 2255

Db 3276 TTTACCTATGATTTATCGTCTTGATCATAGCGGCTTATTATATCATGTATCTCTAA 3335
Qy 6105 GGACCTAAAGCACTTTATGATGATTTTAAATTAATCTTAAGATCTGTTACGGTAACCTAA 6164
Db 3336 GGACCTAAAGCACTTTATGATGATTTTAAATTAATCTTAAGATCTGTTACGGTAACCTAA 3395
Qy 6165 AA 6166
Db 3396 AA 3397

RESULT 6
US-09-971-429B-21
; Sequence 21, Application US/09971429B
; Publication No. US20030175704A1
; GENERAL INFORMATION:
; APPLICANT: Lasek, Amy K. W.
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: GENES EXPRESSED IN LUNG CANCER
; FILE REFERENCE: PA-0040 US
; CURRENT APPLICATION NUMBER: US/09/971,429B
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/239,024
; PRIOR FILING DATE: 2000-04-10
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PERL Program
; SEQ ID NO 21
; LENGTH: 6012
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030175704A1 1100821.1
US-09-971-429B-21

Query Match 19.7%; Score 1626; DB 10; Length 6012;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 2396; Conservative 0; Mismatches 1; Indels 7; Gaps 5;

Qy 3767 GGATGGGTTTGTGGAGTTCTTCCATGTAGAGGACCTAGAAGTGGCATCAGGAATGTGCT 3826
Db 1149 GGATGGGTTTGTGGAGTTCTTCCATGTAGAGGACCTAGAAGTGGCATCAGGAATGTGCT 1208
Qy 3827 GCTGGCTTTTCAGGTGTGTGAGTAGGAGCTGGTGTGGCATATCTAATAAGATAGCC 3886
Db 1209 GCTGGCTTTTCAGGTGTGTGAGTAGGAGCTGGTGTGGCATATCTAATAAGATAGCC 1268
Qy 3887 TTAAGTGAAGTGAATAGTGTGACTTTTAAACCAACCAACCAACCAACCAACCAACCAAGTTAT 3946
Db 1269 TTAAGTGAAGTGAATAGTGTGACTTTTAAACCAACCAACCAACCAACCAACCAACCAAGTTAT 1328
Qy 3947 GCAGTTGACCTCCAGCTGTAATCTTCTAGAGTTGCAACCTAGCAACCTAGCCAGAAAG 4006
Db 1329 GCAGTTGACCTCCAGCTGTAATCTTCTAGAGTTGCAACCTAGCAACCTAGCCAGAAAG 1388
Qy 4007 CAAGTGGCAAGAGATTAATGCTAACAGATAATATACATGGGAAGAGTCTCCCAATG 4066
Db 1389 CAAGTGGCAAGAGATTAATGCTAACAGATAATATACATGGGAAGAGTCTCCCAATG 1448
Qy 4067 ATTGAAGAGTCACTGTCTCTGAAGAGCAAAAGTTCAGTTTCAGCAACCAAACTTTGTT 4126
Db 1449 ATTGAAGAGTCACTGTCTCTGAAGAGCAAAAGTTCAGTTTCAGCAACCAAACTTTGTT 1508
Qy 4127 TGGGAGTATGGAGGAGCTTTTATGATTTAGTGAAGTGGAGTGGGAGGAGCTTAA 4186
Db 1509 TGGGAGTATGGAGGAGCTTTTATGATTTAGTGAAGTGGAGTGGGAGGAGCTTAA 1568
Qy 4187 TTTCCCTTGTGAGAACAGAAAGTGGCCAGTAGCCAGGAGTCAATGAATTTGATACCC 4246
Db 1569 TTTCCCTTGTGAGAACAGAAAGTGGCCAGTAGCCAGGAGTCAATGAATTTGATACCC 1628
Qy 4247 GCCGAATTCATTAATTTACTGTTAGTGTGTTAAGAGAGCACTAAGATGCCAGTGACCT 4306

Db 1629 GCCGAATTCATTAATTTACT ---GTAGTGTAAAGAGCACTAAGATGCCAGTGACCT 1685
Qy 4307 GTGTAAAGTTACAAGTAAAGAACTATGACTGTAAAGCTCAGTACTGTACAAAGGAAGC 4366
Db 1686 GTGTAAAGTTACAAGTAAAGAACTATGACTGTAAAGCTCAGTACTGTACAAAGGAAGC 1745
Qy 4367 TTTTCTCTCTCTAATTAAGTCTTCCAGTATACCTTTAGAAAGTCCAAAGTCTCAGGAC 4426
Db 1746 TTTTCTCTCTCTAATTAAGTCTTCCAGTATACCTTTAGAAAGTCCAAAGTCTCAGGAC 1805
Qy 4427 TTTTATACCTGTTATACCTTTGGCTTGG--TTCCATGATCTTACTTTTATAGCCTAGTTTA 4485
Db 1806 TTTTATACCTGTTATACCTTTGGCTTGGTTTCCATGATCTTACTTTTATAGCCTAGTTTA 1865
Qy 4486 TCACCAATAATACTTTGACGAGAGGCTCAGTAATTAAGTATGAATGATGATTCCTCAAT 4545
Db 1866 TCACCAATAATACTTTGACGAGAGGCTCAGTAATTAAGTATGAATGATGATTCCTCAAT 1925
Qy 4546 CTTAAGACAGCTTGTAAATGTATTTGTAAAAATTCATATATTTTACAGAAAGTCTATT 4605
Db 1926 CTTAAGACAGCTTGTAAATGTATTTGTAAAAATTCATATATTTTACAGAAAGTCTATT 1985
Qy 4606 TCCTTGAAGACGAAGAGTATCGAATTTACATTAGTTTTCATACCTTTTGAACCTTT 4665
Db 1986 TCCTTGAAGACGAAGAGTATCGAATTTACATTAGTTTTCATACCTTTTGAACCTTT 2045
Qy 4666 GCAACTTCCTGTAATAGGAACCTGTTCTTACAGCTTTTCTATGTCTTAACTTTGTTCTGT 4725
Db 2046 GCAACTTCCTGTAATAGGAACCTGTTCTTACAGCTTTTCTATGTCTTAACTTTGTTCTGT 2105
Qy 4726 TCAGTTCTAGAGTGTATACAGAAACGAATGTATGTGTAACTGTATGACAGCTGGTGTAGT 4785
Db 2106 TCAGTTCTAGAGTGTATACAGAAACGAATGTATGTGTAACTGTATGACAGCTGGTGTAGT 2165
Qy 4786 GGAAACAAATCTCATAACTATGACAGCTTTTAAATTTTCTTATCTGATTTTGGTAAGTATCC 4845
Db 2166 GGAAACAAATCTCATAACTATGACAGCTTTTAAATTTTCTTATCTGATTTTGGTAAGTATCC 2225
Qy 4846 TTAGATAGG--TTTTCTTTGAAAACCTGGATGTAGAGGTTGATGAATGGAATTCCTTCA 4904
Db 2226 TTAGATAGGTTTCTTTGAAAACCTGGATGTAGAGGTTGATGAATGGAATTCCTTCA 2285
Qy 4905 CTTCAATTAATCAAGTTTTCATTAATTAAGTCTAAGTGGAGTTTAAAGTTTAAAGTTACGATGA 4964
Db 2286 CTTCAATTAATCAAGTTTTCATTAATTAAGTCTAAGTGGAGTTTAAAGTTTAAAGTTACGATGA 2345
Qy 4965 CTTACAAATTAATGGGCTCTGATTTGGGCAATACCTATTTGAGTTTCTTCAATTTGACCTAA 5024
Db 2346 CTTACAAATTAATGGGCTCTGATTTGGGCAATACCTATTTGAGTTTCTTCAATTTGACCTAA 2405
Qy 5025 TTTAACTGGTGAATTTAAAGTGAATTCATGGGCTCATCTTTAAAGCTTTTACTAAAGA 5084
Db 2406 TTTAACTGGTGAATTTAAAGTGAATTCATGGGCTCATCTTTAAAGCTTTTACTAAAGA 2465
Qy 5085 TTTTACAGCTGAATGGAACCTCATTAGCTGTGTCATATAAAAGATCACATCAGGTGGATG 5144
Db 2466 TTTTACAGCTGAATGGAACCTCATTAGCTGTGTCATATAAAAGATCACATCAGGTGGATG 2525
Qy 5145 GAGAGCATTTGATCCCTTGTGCTTAAATAATTAATAATGATGGCTTGGAAAGCAG 5204
Db 2526 GAGAGCATTTGATCCCTTGTGCTTAAATAATTAATAATGATGGCTTGGAAAGCAG 2585
Qy 5205 GCTAGTCTAAACCATGGTGTCTATTATTAGGCTTGTGTTGTACACACACAGGCTCTAAGCCTTA 5264
Db 2586 GCTAGTCTAAACCATGGTGTCTATTATTAGGCTTGTGTTGTACACACACAGGCTCTAAGCCTTA 2645
Qy 5265 GTATGTCATAAAGCAAACTACTCTGTTTGTCTTATTAATGATTCCTCAACCTTGT 5324
Db 2646 GTATGTCATAAAGCAAACTACTCTGTTTGTCTTATTAATGATTCCTCAACCTTGT 2705
Qy 5325 GCAAGTTTTT--GCATT--GGCATCTTTGGAATTTCACTGTGATGTTGTTTCTATCAGACTT 5382

[illegible]

RESULT 7

```

RESUL: 7
US-10-002-600-43
; Sequence 43, Application US/10002600
; Publication No. US20020137077A1
; GENERAL INFORMATION:
; APPLICANT: Hopkins, Christopher M.
; APPLICANT: Peterson, David P.
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Hawkins, Phillip R.
; TITLE OF INVENTION: GENES REGULATED IN ACTIVATED T CELLS
; FILE REFERENCE: PA-0042 US
; CURRENT APPLICATION NUMBER: US/10/002,600
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 60/243,521

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Db 1986 TCCTTGAACGAGGAGTATCGAATTTACATTAGTTTTTTTTCATACCCCTTTTGAACCTTT 2045
Qy 4666 GCAACTTCGCGTAATAGGAACCTGTTTCTACAGCTTTTCTATGCTAAACCTTTTGTCTGT 4725
Db 2046 GCAACTTCGCGTAATAGGAACCTGTTTCTACAGCTTTTCTATGCTAAACCTTTTGTCTGT 2105
Qy 4726 TCAGTCTAGAGTGTATACAGAAAGAAATGATGATGTAACCTGTATGCGAGATCGGTGTAGT 4785
Db 2106 TCAGTCTAGAGTGTATACAGAAAGAAATGATGATGTAACCTGTATGCGAGATCGGTGTAGT 2165
Qy 4786 GGAACAAATCTGATAAATATGACAGCTTAAATTTTCTATCTGATTTTGTGTAAGTATTC 4845
Db 2166 GGAACAAATCTGATAAATATGACAGCTTAAATTTTCTATCTGATTTTGTGTAAGTATTC 2225
Qy 4846 TTAGATAGG-TTTTCTTTGAAACCTGGGATGAGAGGTTGATGAATGGAATTTCTTTCA 4904
Db 2226 TTAGATAGGTTTTCTTTGAAACCTGGGATGAGAGGTTGATGAATGGAATTTCTTTCA 2285
Qy 4905 CTTCAATATATGCAAGTTTTCAATAATTAGTCTAAGCTGGAGTTTAAAGCTTACTGATGA 4964
Db 2286 CTTCAATATATGCAAGTTTTCAATAATTAGTCTAAGCTGGAGTTTAAAGCTTACTGATGA 2345
Qy 4965 CTTCAATAATAGGCTCTGATGGGCAATACTCATTTGAGTTCCTTTCCATTTGACCTAA 5024
Db 2346 CTTCAATAATAGGCTCTGATGGGCAATACTCATTTGAGTTCCTTTCCATTTGACCTAA 2405
Qy 5025 TTTAACTGGTGAAATTTAAAGTGAATTCATGGGCTCATCTTTAAAGCTTTTACTAAAGA 5084
Db 2406 TTTAACTGGTGAAATTTAAAGTGAATTCATGGGCTCATCTTTAAAGCTTTTACTAAAGA 2465
Qy 5085 TTTTCAGCTGAATGGAACCTANTAGCTGTGTCATATAAAAGATCACATCAGGTGGATG 5144
Db 2466 TTTTCAGCTGAATGGAACCTANTAGCTGTGTCATATAAAAGATCACATCAGGTGGATG 2525
Qy 5145 GAGAGACATTTGATCCCTTTGTTGCTTAATAAATTAATAAATGATGCTTGGAAGACAG 5204
Db 2526 GAGAGACATTTGATCCCTTTGTTGCTTAATAAATTAATAAATGATGCTTGGAAGACAG 2585
Qy 5205 GCTAGCTCAACGATGGTCTAATTAATAGGCTGCTGTACACACACAGGCTCAAGCCTA 5264
Db 2586 GCTAGCTCAACGATGGTCTAATTAATAGGCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGT 2645
Qy 5265 GTATGTCATAAAGCAATACTTACTGTTTGTGTTTCTTATTAAATGANTCCCAACCTTGTT 5324
Db 2646 GTATGTCATAAAGCAATACTTACTGTTTGTGTTTCTTATTAAATGANTCCCAACCTTGTT 2705
Qy 5325 GCAAGTTTTT-GCATT-GGCATCTTGGATTTCACTCTGATGTTGCTTCTATCAGACTT 5382
Db 2706 GCAAGTTTTTGGCATTTGGCATTTGGATTTCACTCTGATGTTGCTTCTATCAGACTT 2765
Qy 5383 AACCTTTTATTTCTGTCCTTCCCTTGAAATGCTGATTTGTTCTGCTCCCTCTACAGATAT 5442
Db 2766 AACCTTTTATTTCTGTCCTTCCCTTGAAATGCTGATTTGTTCTGCTCCCTCTACAGATAT 2825
Qy 5443 TTATATCAATTTCTACAGCTTTCCCTGCGCATCCCTGAACTTTTCTAGCCCTTTAGAT 5502
Db 2826 TTATATCAATTTCTACAGCTTTCCCTGCGCATCCCTGAACTTTTCTAGCCCTTTAGAT 2885
Qy 5503 TTTGGCATGTGAAACCCCTGCTGAAACCTGAGTGACCCCTCCCTCCCAACCAAGAGTCC 5562
Db 2886 TTTGGCATGTGAAACCCCTGCTGAAACCTGAGTGACCCCTCCCTCCCAACCAAGAGTCC 2945
Qy 5563 ACAGACCTTTTCACTTTTACAGAACTTGATCTGTTAGAGGTGTTATATACATGGGTGCT 5622
Db 2946 ACAGACCTTTTCACTTTTACAGAACTTGATCTGTTAGAGGTGTTATATACATGGGTGCT 3005
Qy 5623 GTGACACTTAACAGTCAATTTGAGAGTGGGAGAGTCCCTTTTCTGCTGCTGTTATCTTT 5682
Db 3006 GTGACACTTAACAGTCAATTTGAGAGTGGGAGAGTCCCTTTTCTGCTGCTGTTATCTTT 3065
Qy 5683 TCAACTATTGTTTATCTGCTTTTGGGGGCAATGTGTCAAAAGTCCCTCTCAGGAATTTT 5742
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Db 3066 TCAACTATTGTTTATCTGCTTTTGGGGCAATGTGTCAAAAGTCCCTCTCAGGAATTTT 3125
Qy 5743 CAGAGAAAGAACATTTTATGAGGCTTTTCTCTAAAGTTTCTTTGTATAGGAGTATGCTC 5802
Db 3126 CAGAGAAAGAACATTTTATGAGGCTTTTCTCTAAAGTTTCTTTGTATAGGAGTATGCTC 3185
Qy 5803 ACTTAAATTTACAGAAAGAGGTGAGCTGTGTTAAACCTCAGAGTTTAAAGCTACTGATA 5862
Db 3186 ACTTAAATTTACAGAAAGAGGTGAGCTGTGTTAAACCTCAGAGTTTAAAGCTACTGATA 3245
Qy 5863 AACTCAAGAAAGTGTCTATATTGGAACCTAGGCTCATTTTGAAGCTTCAGTCTCGGAACAT 5922
Db 3246 AACTCAAGAAAGTGTCTATATTGGAACCTAGGCTCATTTTGAAGCTTCAGTCTCGGAACAT 3305
Qy 5923 GACCTTTAGTCTGTGGAGCTCCATTTAAATAATAGGTATGAATAAGATGACTAAGAATGTA 5982
Db 3306 GACCTTTAGTCTGTGGAGCTCCATTTAAATAATAGGTATGAATAAGATGACTAAGAATGTA 3365
Qy 5983 TGGGGAAGAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 6042
Db 3366 TGGGGAAGAACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 3425
Qy 6043 TTTTACCTATGATTTTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 6102
Db 3426 TTTTACCTATGATTTTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 3485
Qy 6103 AAGGACCTTAAAGCACTTTATGAGTCTTTTAAATTAATCTTAAGATCTGTTACGTAAC 6162
Db 3486 AAGGACCTTAAAGCACTTTATGAGTCTTTTAAATTAATCTTAAGATCTGTTACGTAAC 3545
Qy 6163 AAAAA 6166
Db 3546 AAAAA 3549
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RESULT 8

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US-10-085-117-269
; Sequence 269, Application US/10085117
; Publication No. US200302334A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: 529452000121
; CURRENT APPLICATION NUMBER: US/10/085,117
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 361
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 269
; LENGTH: 2430
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-117-269
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Query Match 17.4%; Score 1434; DB 16; Length 2430;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1434; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3767 GGATGGTTTGTGGAGTTCTTCCATGTAGAGACCTAGAGGTGGCATCAGGAATGTGCT 3826
Db 985 GGTATGGTTTGTGGAGTTCTTCCATGTAGAGACCTAGAGGTGGCATCAGGAATGTGCT 1044
Qy 3827 GTTGGCTTTTGTGGAGTTCTTCCATGTAGAGACCTAGAGGTGGCATCAGGAATGTGCT 3886
Db 1045 GCTGGCTTTTGTGGAGTTCTTCCATGTAGAGACCTAGAGGTGGCATCAGGAATGTGCT 1104
Qy 3887 TTACTGTAGTCAATAGTTGACTTTTAAACCAACCAACCAACCAACCAACCAACCAACCA 3946
Db 1105 TTACTGTAGTCAATAGTTGACTTTTAAACCAACCAACCAACCAACCAACCAACCAACCA 1164
Qy 3947 GCAGTTGGACTCCAAAGCTGTAACTTCTTAGAGTTTGCAACCTAGCAACCTAGCCAGAAAG 4006
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Db 1165 GCAGTTGGACTCCAGCTGTAACCTTCTAGAGTTGCACCTAGCAACCTTAGCCAGAAAG 1224
QY 4007 CAAGTGGCAAGAGATTATGGCTAAACAAGATAAATACATGGAAGAGTGTCTCCCAATG 4066
Db 1225 CAAGTGGCAAGAGATTATGGCTAAACAAGATAAATACATGGAAGAGTGTCTCCCAATG 1284
QY 4067 ATTGAAGAGTCACTGTCTGGAAGCAAGCAAGTTTCACTTTAGCAAGCAAGCAAGTTTGT 4126
Db 1285 ATTGAAGAGTCACTGTCTGGAAGCAAGCAAGTTTCACTTTAGCAAGCAAGCAAGTTTGT 1344
QY 4127 TGGGAAGCTATGGAGGAGGCTTTTATAGATTAGTGAAGATGGTAGGGTGGAAAGACTTAA 4186
Db 1345 TGGGAAGCTATGGAGGAGGCTTTTATAGATTAGTGAAGATGGTAGGGTGGAAAGACTTAA 1404
QY 4187 TTTCTTGTGTGAAACAGGAAAGTGGCCAGTAGCAGCAAGTCACTAGAAATTGATTACCC 4246
Db 1405 TTTCTTGTGTGAAACAGGAAAGTGGCCAGTAGCAGCAAGTCACTAGAAATTGATTACCC 1464
QY 4247 GCCGAATTCATTAATTACTGTAGTAGTGTTAAGAGAAGCACTTAAGATGCCAGTGACCT 4306
Db 1465 GCCGAATTCATTAATTACTGTAGTAGTGTTAAGAGAAGCACTTAAGATGCCAGTGACCT 1524
QY 4307 GTGTAAAGTTACAAGTATAGAACTATAGCTGTAAAGCTCAGTACTGTACAGGGAAGC 4366
Db 1525 GTGTAAAGTTACAAGTATAGAACTATAGCTGTAAAGCTCAGTACTGTACAGGGAAGC 1584
QY 4367 TTTTCTCTCTCTAAATTAGCTTTCCAGATATCTCTTGAAGAGTCCAAAGTGTTCAGGAC 4426
Db 1585 TTTTCTCTCTCTAAATTAGCTTTCCAGATATCTCTTGAAGAGTCCAAAGTGTTCAGGAC 1644
QY 4427 TTTTATACCTGTATATCTTTGGCTTGGTTCCATGATCTTACTTTTATAGCCTAGTTAT 4486
Db 1645 TTTTATACCTGTATATCTTTGGCTTGGTTCCATGATCTTACTTTTATAGCCTAGTTAT 1704
QY 4487 CACCAATAACTGTGCGGAGGCTCAGTAATTAGTATGAATATGATATGATATCTCAATTC 4546
Db 1705 CACCAATAACTGTGCGGAGGCTCAGTAATTAGTATGAATATGATATGATATCTCAATTC 1764
QY 4547 TTAAGACAGCTGTGAATGTATTTGTAATAATTTGTAATAATTTTACAGAAAGTCTATTT 4606
Db 1765 TTAAGACAGCTGTGAATGTATTTGTAATAATTTGTAATAATTTTACAGAAAGTCTATTT 1824
QY 4607 CTTTGAAACGAAGAGATATCGAATTTAATAGTATTTTCTATACCTTTTGAACCTTTG 4666
Db 1825 CTTTGAAACGAAGAGATATCGAATTTAATAGTATTTTCTATACCTTTTGAACCTTTG 1884
QY 4667 CAACCTCCGTAATTAGAACCTGTCTTACAGCTTTTCTATGCTAAACTTTTGTCTGTT 4726
Db 1885 CAACCTCCGTAATTAGAACCTGTCTTACAGCTTTTCTATGCTAAACTTTTGTCTGTT 1944
QY 4727 CAGTTCTAGAGTGTATACAGAAAGTGTATGTAAGTGTATGTAAGTGTGTGTAGTG 4786
Db 1945 CAGTTCTAGAGTGTATACAGAAAGTGTATGTAAGTGTATGTAAGTGTGTGTAGTG 2004
QY 4787 GAACAACTGTATATCTGCGGTTTAAATTTTCTATCTGATTTTGGTAAAGTATCTCT 4846
Db 2005 GAACAACTGTATATCTGCGGTTTAAATTTTCTATCTGATTTTGGTAAAGTATCTCT 2064
QY 4847 TAGATAGTTTCTTTGAAACCTGGGATTGAGAGGTTGATGAATGGAAATCTTTTCACT 4906
Db 2065 TAGATAGTTTCTTTGAAACCTGGGATTGAGAGGTTGATGAATGGAAATCTTTTCACT 2124
QY 4907 TCATTATGCAAGTTTCAATAATTAGTCTAAGTGGGATTTTAAGGTTACTGATGACT 4966
Db 2125 TCATTATGCAAGTTTCAATAATTAGTCTAAGTGGGATTTTAAGGTTACTGATGACT 2184
QY 4967 TACAAATAATGGGCTCTGATTTGGCAATCTCAATTTGAGTTCTCTCCATTTGACCTAAAT 5026
Db 2185 TACAAATAATGGGCTCTGATTTGGCAATCTCAATTTGAGTTCTCTCCATTTGACCTAAAT 2244
QY 5027 TAACGTGTGAATTTAAGTGAATTCATGGGCTCATCTTTAAAGCTTTTACTAAAGATT 5086

Db 2245 TAACTGGTGAATTTAAAGTGAATTCATGGCTCATCTTTAAAGCTTTTACTAAAGATT 2304
QY 5087 TTCAGCTGAATGGAACCTCATTTAGCTGTGTGCATATAAAAGATCACTACAGGTGATGGA 5146
Db 2305 TTCAGCTGAATGGAACCTCATTTAGCTGTGTGCATATAAAAGATCACTACAGGTGATGGA 2364
QY 5147 GAGACATTTGATCCCTTGTGTTTAAATTAATAAATTAATAAATGATGCTTTGGAAAA 5200
Db 2365 GAGACATTTGATCCCTTGTGTTTAAATTAATAAATTAATAAATGATGCTTTGGAAAA 2418

RESULT 9

US-10-247-671-28
; Sequence 28, Application US/10247671
; Publication No. US20030194721A1
; GENERAL INFORMATION:
; APPLICANT: Mikita, Thomas
; APPLICANT: Shiffman, Dov
; APPLICANT: Porter, Gordon, J.
; APPLICANT: Kaser, Matthew R.
; TITLE OF INVENTION: GENES EXPRESSED IN TREATED FOAM CELLS
; FILE REFERENCE: PA-0050 US
; CURRENT APPLICATION NUMBER: US/10/247,671
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/323,784
; FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 186
; SOFTWARE: PERL Program
; SEQ ID NO 28
; LENGTH: 2875
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030194721A1 1842870CB1
US-10-247-671-28

Query Match 16.3%; Score 1344; DB 15; Length 2875;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 1874; Conservative 0; Mismatches 1; Indels 5; Gaps 3;
QY 3767 GGATGGGTTTGTGGAGTTCTTCCATGTAGAGGACTAGAGGTGGCATCAGGAATGTCT 3826
Db 999 GGATGGGTTTGTGGAGTTCTTCCATGTAGAGGACTAGAGGTGGCATCAGGAATGTCT 1058
QY 3827 GCTGGCTTTTCAGGTGTGTGTGAGTAGGAGCTGGTTTGGCATATCTAATAAGATGCC 3886
Db 1059 GCTGGCTTTTCAGGTGTGTGTGAGTAGGAGCTGGTTTGGCATATCTAATAAGATGCC 1118
QY 3887 TTAAGTGAAGTGAATAGTGTGATTTTAAACCAACCAACCAACCAACCAACCAAGTTAT 3946
Db 1119 TTAAGTGAAGTGAATAGTGTGATTTTAAACCAACCAACCAACCAACCAACCAAGTTAT 1178
QY 3947 GCAGTTGACCTCCAGCTGTAACTTCTTAGAGTTGCACTTCCCTAGCAACTAGCCAGAAAG 4006
Db 1179 GCAGTTGACCTCCAGCTGTAACTTCTTAGAGTTGCACTTCCCTAGCAACTAGCCAGAAAG 1238
QY 4007 CAAGTGGCAAGAGATTATGCTTAAACCAAGATAAATACATGGGAGAGTGTCTCCCATG 4066
Db 1239 CAAGTGGCAAGAGATTATGCTTAAACCAAGATAAATACATGGGAGAGTGTCTCCCATG 1298
QY 4067 ATTGAAGTCACTGTCTGAAAGAAAGCAAAAGTTTCACTTTTTCAGCAACCAAACTTTGTT 4126
Db 1299 ATTGAAGTCACTGTCTGAAAGAAAGCAAAAGTTTCACTTTTTCAGCAACCAAACTTTGTT 1358
QY 4127 TGGGAAGCTATGGAGGAGGACTTTTAGTTTAGTGAAGATGGTAGGGTGGAAAGACTTAA 4186
Db 1359 TGGGAAGCTATGGAGGAGGACTTTTAGTTTAGTGAAGATGGTAGGGTGGAAAGACTTAA 1418
QY 4187 TTTCTCTGTTGAGAACAGGAAAGTGGCCAGTAGCAGCAAGTCACTAAGATTGATTACCC 4246
Db 1419 TTTCTCTGTTGAGAACAGGAAAGTGGCCAGTAGCAGCAAGTCACTAAGATTGATTACCC 1478

QY 4247 GCGAATTCATTAATTTACTGTAGTGTGTTAAGAGCACTAAGATGCCAGTGACCT 4306
Db 1479 GCCGAATTCATTAATTTACT---TAGTGTGTTAAGAGCACTAAGATGCCAGTGACCT 1535
QY 4307 GTGTAAAAGTTTACAAGTAATAAGAACTATGACTGTAAGCCTCAGTACTGTACAAAGGAAGC 4366
Db 1536 GTGTAAAAGTTTACAAGTAATAAGAACTATGACTGTAAGCCTCAGTACTGTACAAAGGAAGC 1595
QY 4367 TTTTCTCTCTCTCTAATTTAGCTTTCCAGATATACCTTTAGAAAGTCCAAAGTTCAGGAC 4426
Db 1596 TTTTCTCTCTCTCTAATTTAGCTTTCCAGATATACCTTTAGAAAGTCCAAAGTTCAGGAC 1655
QY 4427 TTTTATACCTGTATATCTTTGGCTTGG-TTCCATGATTTCTTACCTTTATTTAGCTTAGTTTA 4485
Db 1656 TTTTATACCTGTATATCTTTGGCTTGGTTTCCATGATTTCTTACTTTATTTAGCTTAGTTTA 1715
QY 4486 TCACCAATAATPACTTTAGCGGAAGGCTCAGTAATTTAGTTATGAATATCGATATCCTCAATT 4545
Db 1716 TCACCAATAATPACTTTAGCGGAAGGCTCAGTAATTTAGTTATGAATATCGATATCCTCAATT 1775
QY 4546 CTTAAGCAGCTGTAAATGTATTTGTAATAATTTGTAATATTTTATACCAAAAGTCTATT 4605
Db 1776 CTTAAGCAGCTGTAAATGTATTTGTAATAATTTGTAATATTTTATACCAAAAGTCTATT 1835
QY 4606 TCCTTGAAACGAAGAAAGTATCGAATTTACATTTAGTTTTCATACCCCTTTTGAACCTTT 4665
Db 1836 TCCTTGAAACGAAGAAAGTATCGAATTTACATTTAGTTTTCATACCCCTTTTGAACCTTT 1895
QY 4666 GCACTTCGTAATTTAGCAAGCTGTTCTTACAGCTTTCTATGCTAACTTTGTTCTGT 4725
Db 1896 GCACTTCGTAATTTAGCAAGCTGTTCTTACAGCTTTCTATGCTAACTTTGTTCTGT 1955
QY 4726 TCAGTTCTAGAGTGTATACAGAAAGTGAATGATGTAACTGTATGCAAGCTGTTGAGT 4785
Db 1956 TCAGTTCTAGAGTGTATACAGAAAGTGAATGATGTAACTGTATGCAAGCTGTTGAGT 2015
QY 4786 GGAACAAATCTGATACTATGCAAGTTAAATTTCTTATCTGATTTTGTAGTATTC 4845
Db 2016 GGAACAAATCTGATACTATGCAAGTTAAATTTCTTATCTGATTTTGTAGTATTC 2075
QY 4846 TTAGATAGG-TTTTCTTTGAAACCTGGATTGAGAGGTTGATGAATGGAATTTCTTTCA 4904
Db 2076 TTAGATAGGTTTCTTTTGAAACCTGGATTGAGAGGTTGATGAATGGAATTTCTTTCA 2135
QY 4905 CTTCAATATATGCAAGTTTCAATAATTTAGTCTTAAGTGTGAGTTTAAAGTTTCTGATGA 4964
Db 2136 CTTCAATATATGCAAGTTTCAATAATTTAGTCTTAAGTGTGAGTTTAAAGTTTCTGATGA 2195
QY 4965 CTTCAATATATGCGCTGATGCGCAATCTATTTGAGTTTCTTCCATTTGACCTAA 5024
Db 2196 CTTCAATATATGCGCTGATGCGCAATCTATTTGAGTTTCTTCCATTTGACCTAA 2255
QY 5025 TTTAAGCTGGTGAATTTTAAAGTGAATTCATGGGCTCATCTTTTAAAGCTTTTACTAAAGA 5084
Db 2256 TTTAAGCTGGTGAATTTTAAAGTGAATTCATGGGCTCATCTTTTAAAGCTTTTACTAAAGA 2315
QY 5085 TTTTCAAGTGAATGGAATCTAATTTAGTGTGTCATATAAAGATCATCATGAGTGTATG 5144
Db 2316 TTTTCAAGTGAATGGAATCTAATTTAGTGTGTCATATAAAGATCATCATGAGTGTATG 2375
QY 5145 GAGAGACATTTGATCCCTTGTGTTCTTAAATTAATAATGATGGCTTTGGAAGAGCAG 5204
Db 2376 GAGAGACATTTGATCCCTTGTGTTCTTAAATTAATAATGATGGCTTTGGAAGAGCAG 2435
QY 5205 GCTAGTCTAAACATGGTCTAATTTAGGCTTGTGTTTACACACACAGTCTTAAGCCTA 5264
Db 2436 GCTAGTCTAAACATGGTCTAATTTAGGCTTGTGTTTACACACACAGTCTTAAGCCTA 2495
QY 5265 GTATGTCAATAAAGCAATACTTACTGTTTGTGTTTCTTAAATGATTTCCCAAACTTGT 5324
Db 2496 GTATGTCAATAAAGCAATACTTACTGTTTGTGTTTCTTAAATGATTTCCCAAACTTGT 2555
QY 5325 GCAAGTTTGTGATTTGGCAATCTTTGGATTTTCAAGTCTTGTGATGTTTGTCTATCAGACTTAA 5384

Db 2556 GCAAGTTTGTGATTTGGATCTTTGGATTTAGTCTTGTGATTTGTCTATCAGACTTAA 2615
QY 5385 CTTTTAATTTCTGCTCCCTTCCCTTGAATTTGCTGATTTGCTGCTCCCTCTACAGATAATTT 5444
Db 2616 CTTTTAATTTCTGCTCCCTTCCCTTGAATTTGCTGATTTGCTGCTCCCTCTACAGATAATTT 2675
QY 5445 ATATCAATTTCTACAGCTTTTCCCTTGCATCCCTGAACTCTTTCTAGGCCCTTTAGATTT 5504
Db 2676 ATATCAATTTCTACAGCTTTTCCCTTGCATCCCTGAACTCTTTCTAGGCCCTTTAGATTT 2735
QY 5505 TGGCACTGTGAACCCCTGCTGGAACCTGAGTGAACCTCCCTCCCAAGAGTCCAC 5564
Db 2736 TGGCACTGTGAACCCCTGCTGGAACCTGAGTGAACCTCCCTCCCAAGAGTCCAC 2795
QY 5565 AGACCTTTTCATCTTTTACAGAACTTGTATCTGTTAGCAGGTGTAATACATGGGTGCTGT 5624
Db 2796 AGACCTTTTCATCTTTTACAGAACTTGTATCTGTTAGCAGGTGTAATACATGGGTGCTGT 2855
QY 5625 GACACTTAACAGTCAATTGAGA 5644
Db 2856 GACACTTAACAGTCAATTGAGA 2875

RESULT 10
US-10-085-117-270
; Sequence 270, Application US/10085117
; Publication No. US20030232334A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: 529452000121
; CURRENT APPLICATION NUMBER: US/10/085,117
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 361
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 270
; LENGTH: 1053
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-117-270

Query Match 8.2%; Score 679; DB 16; Length 1053;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 679; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1727 ATGTTTGGCTCAAAAGAAACGCGTAAATCGAGCTCAACCTCTACTGTGGGGGGCCGCG 1786
Db 1 ATGTTTGGCTCAAAAGAAACGCGTAAATCGAGCTCAACCTCTACTGTGGGGGGCCGCG 60
QY 1787 TTGGGGGGCGGCGAGCGGGGGCCACCCCGCGGAGGGCGACTTTTGGTACGAGAG 1846
Db 61 TTGGGGGGCGGCGAGCGGGGGCCACCCCGCGGAGGGCGACTTTTGGTACGAGAG 120
QY 1847 GAGGCTCTGGCCCGCGGAGAGTAGGGGAGGGAGCGCGCGGTGATTTGGCGGAAGC 1906
Db 121 GAGGCTCTGGCCCGCGGAGAGTAGGGGAGGGAGGGCGCGCGGTGATTTGGCGGAAGC 180
QY 1907 GCGCGCGCAAGCCCGCGCTTCAACCTCAGCCGAGACTCCCGGAGGGTCTGCGCGCGCG 1966
Db 181 GCGCGCGCAAGCCCGCGCTTCAACCTCAGCCGAGACTCCCGGAGGGTCTGCGCGCGCG 240
QY 1967 CCATTTGGCGCGAGGTCCCGACCTCACCCGCGAGCCCGCGAGAGCTCTTTTCTCGG 2026
Db 241 CCATTTGGCGCGAGGTCCCGACCTCACCCGCGAGCCCGCGAGAGCTCTTTTCTCGG 300
QY 2027 CCACCCCGCGCGCGCGCTTGAAGAGTGAAGAGCCCGCGCGCTGAGCCCATCATG 2086
Db 301 CCACCCCGCGCGCGCGCTTGAAGAGTGAAGAGCCCGCGCGCTGAGCCCATCATG 360

;; PRIOR APPLICATION NUMBER: US 60/200,779
;; PRIOR FILING DATE: 2000-04-28
;; PRIOR APPLICATION NUMBER: US 60/200,999
;; PRIOR FILING DATE: 2000-05-01
;; PRIOR APPLICATION NUMBER: US 60/202,084
;; PRIOR FILING DATE: 2000-05-04
;; PRIOR APPLICATION NUMBER: US 60/206,201
;; PRIOR FILING DATE: 2000-05-22
;; PRIOR APPLICATION NUMBER: US 60/218,950
;; PRIOR FILING DATE: 2000-07-14
;; PRIOR APPLICATION NUMBER: US 60/222,903
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: US 60/223,416
;; PRIOR FILING DATE: 2000-08-04
;; PRIOR APPLICATION NUMBER: US 60/223,378
;; PRIOR FILING DATE: 2000-08-07
;; PRIOR APPLICATION NUMBER: US 09/796,692
;; PRIOR FILING DATE: 2001-03-01
;; NUMBER OF SEQ ID NOS: 10467
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 8824
;; LENGTH: 624
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: unsure
;; LOCATION: (19)
;; OTHER INFORMATION: n=A,T,C or G
US-10-040-862-8824

Query Match 5.2%; Score 433; DB 15; Length 624;
Best Local Similarity 99.7%; Pred. No. 1.6e-211;
Matches 603; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

QY 4469 TTTATTAGCCTAGTTTATCACCATAATCTTACGAGAGGCTCAGTAATAGTTATGAA 4528
DB |||||||
QY 4529 TATGGATATCCTCAATCTTAAAGACAGCTTGTAAATGTAATTTGTAATAATTTGTAATAT 4588
DB |||||||
QY 4589 TTTACAGAAAGCTCTATTTCCCTTGTAAACGAGAGAGTATCGAATTTACATTTAGTTTTC 4648
DB |||||||
QY 4649 ATACCCCTTTGAACTTTGCAACTTCCTGTAATAGGAACCTGTTCTTACAGCTTTTCTAT 4708
DB |||||||
QY 4709 GCTAAACTTTGCTGTTCTAGTTCTAGAGTGTATACAGAACGAATGTGTACTGTA 4768
DB |||||||
QY 4769 TGCAGACTGTTGTAGTGGACAAATCTGATACTATGCAAGTGTAAATTTCTTATCTG 4828
DB |||||||
QY 4829 ATTTGTAGTATCTCTTCTAGATAGG-TTTTCTTTGAAACCTGGGATGAGGTTGAT 4887
DB |||||||
QY 4888 GATGGAAATCTTTCACCTTCATTATATGCAAGTTTCAATTAATAGGCTCTAAGTGGAGT 4947
DB |||||||
QY 4948 TTTAAGGTTACTGATGACTTACAAATAATGCGGCTCTGATTTGGGCAATCTCAATTCAGTT 5007
DB |||||||
QY 5008 CCTTCCATTTGACCTAATTTAACTGGTGAATTTTAAAGTGAATTCATGGCTCATCTTTA 5067
DB |||||||
QY 84 CCTTCCATTTGACCTAATTTAACTGGTGAATTTAAAGTGAATTCATGGGCTCATCTTTA 25

QY 5068 AAGCT 5072
DB |||||||
24 AAGCT 20

RESULT 13

US-10-057-475B-8824/C
; Sequence 8824, Application US/10057475B
; Publication No. US20040002068A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Clapper, Jonathan David
; APPLICANT: Wang, Aijun
; APPLICANT: Ordenez, Nadia
; APPLICANT: Carter, Lauren
; APPLICANT: McNeill, Patricia Dianne
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; FILE OF INVENTION: Hematological Malignancies
; FILE REFERENCE: 014058-014402US
; CURRENT APPLICATION NUMBER: US/10/057,475B
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 10979
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8824
; LENGTH: 624
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(624)
; OTHER INFORMATION: n = G, A, C or T
US-10-057-475B-8824

Query Match 5.2%; Score 433; DB 16; Length 624;
Best Local Similarity 99.7%; Pred. No. 1.6e-211;
Matches 603; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

QY 4469 TTTATTAGCCTAGTTTATCACCATAATCTTACGAGAGGCTCAGTAATAGTTATGAA 4528
DB |||||||
QY 4529 TATGGATATCCTCAATCTTAAAGACAGCTTGTAAATGTAATTTGTAATAATTTGTAATAT 4588
DB |||||||
QY 4589 TTTACAGAAAGCTCTATTTCCCTTGTAAACGAGAGAGTATCGAATTTACATTTAGTTTTC 4648
DB |||||||
QY 504 TTTACAGAAAGCTCTATTTCTTTTGAAACGAGAGAGTATCGAATTTACATTTAGTTTTC 445

QY 4649 ATACCCCTTTGAACTTTGCACTTCCTGTAATAGGAACCTGTTCTTACAGCTTTCTAT 4708
| | | | |
Db 444 ATACCCCTTTGAACTTTGCACTTCCTGTAATAGGAACCTGTTCTTACAGCTTTCTAT 385
| | | | |
QY 4709 GCTAAACTTTGTTCTGTTTCAGTTCTAGAGTGATATACAGAAAGAAATGATGTAACTGTA 4768
| | | | |
Db 384 GCTAAACTTTGTTCTGTTTCAGTTCTAGAGTGATATACAGAAAGAAATGATGTAACTGTA 325
| | | | |
QY 4769 TCAGACTGTTGTTGATGGAACAAATCTGATAACTATGCAAGCTTTAAATTTCTTATCTG 4828
| | | | |
Db 324 TCAGACTGTTGTTGATGGAACAAATCTGATAACTATGCAAGCTTTAAATTTCTTATCTG 265
| | | | |
QY 4829 ATTTTGGTAAGTATTCCTTAGATAGG-TTTTCTTTGAAAACCTGGATTTGAGAGTTGAT 4887
| | | | |
Db 264 ATTTTGGTAAGTATTCCTTAGATAGGTTTCTTTTGGAAAACCTGGATTTGAGAGTTGAT 205
| | | | |
QY 4888 GAATGGAATTTCTTCACTTCATTATATGCAAGTTTCAATAATPAGTCTTAAGTGGAGT 4947
| | | | |
Db 204 GAATGGAATTTCTTCACTTCATTATATGCAAGTTTCAATAATPAGTCTTAAGTGGAGT 145
| | | | |
QY 4948 TTATAGGTTACTGATGACTTACAAATATGAGGCTCTGATTTGGCAATACTCATTTGAGTT 5007
| | | | |
Db 144 TTATAGGTTACTGATGACTTACAAATATGAGGCTCTGATTTGGCAATACTCATTTGAGTT 85
| | | | |
QY 5008 CCTTCCATTTGACCTAAATTTAACTGGTGAAATTTAAAGTGAATTCATGGGCTCATCTTTA 5067
| | | | |
Db 84 CCTTCCATTTGACCTAAATTTAACTGGTGAAATTTAAAGTGAATTCATGGGCTCATCTTTA 25
| | | | |
QY 5068 AAGCT 5072
| | | | |
Db 24 AAGCT 20
| | | | |

RESULT 14

US-10-154-884B-8824/c
; Sequence 8824, Application US/10154884B
; Publication No. US20040005561A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; APPLICANT: Retter, Marc W.
; APPLICANT: Corixa Corporation
; TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
; TITLE OF INVENTION: Hematological Malignancies
; FILE REFERENCE: 014058-013521US
; CURRENT APPLICATION NUMBER: US/10/154,884B
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US 60/186,126
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: US 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: US 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: US 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: US 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: US 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 60/222,903
; PRIOR FILING DATE: 2000-08-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 11290
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8824

; LENGTH: 624
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(624)
; OTHER INFORMATION: n = g, a, c or t
US-10-154-884B-8824

Query Match 5.2%; Score 433; DB 16; Length 624;

Best Local Similarity 99.7%; Pred. NO. 1.6e-211;
Matches 603; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

QY 4469 TTATTAGCCTAGCTTTATCACCATAATTAATCTTCAACGAGGCTCAGTAATTAAGTTATGAA 4528
| | | | |
Db 624 TTATTAGCCTAGCTTTATCACCATAATTAATCTTCAACGAGGCTCAGTAATTAAGTTATGAA 565
| | | | |
QY 4529 TATGGATATCCTCAATTTCTTAAGACAGCTTTGTAATTTGTAATTTGTAATTTGTAATTT 4588
| | | | |
Db 564 TATGGATATCCTCAATTTCTTAAGACAGCTTTGTAATTTGTAATTTGTAATTTGTAATTT 505
| | | | |
QY 4589 TTTACAGAAAGTCTATTTTCCCTTGAACGAGGAGGATCGAATTTTACATTAGTTTTTTC 4648
| | | | |
Db 504 TTTACAGAAAGTCTATTTTCTTGAACGAGGAGGATCGAATTTTACATTAGTTTTTTC 445
| | | | |
QY 4649 ATACCCCTTTTGAACCTTTGCAACTTCGGTAATAGGAACTGTTTCTTACAGCTTTTCTAT 4708
| | | | |
Db 444 ATACCCCTTTTGAACCTTTGCAACTTCGGTAATAGGAACTGTTTCTTACAGCTTTTCTAT 385
| | | | |
QY 4709 GCTAAACTTTGTTCTGTTTCAGTTCTAGAGTGATATACAGAAAGAAATGATGTAACTGTA 4768
| | | | |
Db 384 GCTAAACTTTGTTCTGTTTCAGTTCTAGAGTGATATACAGAAAGAAATGATGTAACTGTA 325
| | | | |
QY 4769 TGCAGACTGTTGTTAGTGGAAACAAATCTGATAACTATGCAAGTTTAAATTTTCTTATCTG 4828
| | | | |
Db 324 TGCAGACTGTTGTTAGTGGAAACAAATCTGATAACTATGCAAGTTTAAATTTTCTTATCTG 265
| | | | |
QY 4829 ATTTTGGTAAGTATTCCTTAGATAGG-TTTTCTTTGAAAACCTGGGATTTGAGAGTTGAT 4887
| | | | |
Db 264 ATTTTGGTAAGTATTCCTTAGATAGGTTTCTTTTGGAAAACCTGGGATTTGAGAGTTGAT 205
| | | | |
QY 4888 GAATGGAATTTCTTCACTTCATTATATGCAAGTTTCAATAATTAAGTCTTAAGTGGAGT 4947
| | | | |
Db 204 GAATGGAATTTCTTCACTTCATTATATGCAAGTTTCAATAATTAAGTCTTAAGTGGAGT 145
| | | | |
QY 4948 TTATAGGTTACTGATGACTTACAAATATGAGGCTCTGATTTGGCAATACTCATTTGAGTT 5007
| | | | |
Db 144 TTATAGGTTACTGATGACTTACAAATATGAGGCTCTGATTTGGCAATACTCATTTGAGTT 85
| | | | |
QY 5008 CCTTCCATTTGACCTAAATTTAACTGGTGAAATTTAAAGTGAATTCATGGGCTCATCTTTA 5067
| | | | |
Db 84 CCTTCCATTTGACCTAAATTTAACTGGTGAAATTTAAAGTGAATTCATGGGCTCATCTTTA 25
| | | | |
QY 5068 AAGCT 5072
| | | | |
Db 24 AAGCT 20
| | | | |

RESULT 15

US-09-796-692-9029/c
; Sequence 9029, Application US/09796692
; Publication No. US20020198362A1
; GENERAL INFORMATION:
; APPLICANT: Gaiger, Alexander
; APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
; TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
; FILE REFERENCE: 2077.001200
; CURRENT APPLICATION NUMBER: US/09/796,692
; CURRENT FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: 60/186,126
; PRIOR FILING DATE: 2000-03-01

Search completed: May 3, 2004, 22:28:28
Job time : 2110 secs

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; PRIOR APPLICATION NUMBER: 60/190,479
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/200,545
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: 60/200,303
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/200,779
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/200,999
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/202,084
; PRIOR FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: 60/206,201
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: 60/218,950
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/222,903
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: 60/223,416
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: 60/223,378
; PRIOR FILING DATE: 2000-08-07
; NUMBER OF SEQ ID NOS: 9597
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9029
; LENGTH: 576
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-796-692-9029

Query Match      4.9%; Score 404; DB 9; Length 576;
Best Local Similarity 99.7%; Pred. No. 1.4e-196;
Matches 574; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

Qy 4517 ATTAGTTATGAAATGATATCCTCAATTCCTTAAGACAGCTTGTAAATGTATTTGTAAAA 4576
Db 576 ATTAGTTATGAAATGATATCCTCAATTCCTTAAGACAGCTTGTAAATGTATTTGTAAAA 517
Qy 4577 ATTCTATATATTTTACAGAAAGTCTATTTCCCTTGAACCGAAGGAGTATCGAATTTACA 4636
Db 516 ATTCTATATATTTTACAGAAAGTCTATTTCCCTTGAACCGAAGGAGTATCGAATTTACA 457
Qy 4637 TTAGTTTTTTCATACCCCTTTTGACCTTTCGACTTCCTGTAATTAGGAACCTGTTCTTA 4696
Db 456 TTAGTTTTTTCATACCCCTTTTGACCTTTCGACTTCCTGTAATTAGGAACCTGTTCTTA 397
Qy 4697 CAGCTTTTCTATGCTAACTTTGTTCTGTTTCAGTTCTAGAGTGTATACAGAACGAATTGA 4756
Db 396 CAGCTTTTCTATGCTAACTTTGTTCTGTTTCAGTTCTAGAGTGTATACAGAACGAATTGA 337
Qy 4757 TGTGTAACGTATGCAGACTGGTTGTAGTGAACAAATCTGTATAACTATGACAGGTTTAAA 4816
Db 336 TGTGTAACGTATGCAGACTGGTTGTAGTGAACAAATCTGTATAACTATGACAGGTTTAAA 277
Qy 4817 TTTTCTTATCTGATTTTGGTAAGTATTCCTTAGATAGG-TTTTCTTTGAAAACCTGGGAT 4875
Db 276 TTTTCTTATCTGATTTTGGTAAGTATTCCTTAGATAGGTTTCTTTGAAAACCTGGGAT 217
Qy 4876 TGAGAGGTTGATGAATGGAATTCCTTTCATCTATATATGCAAGTTTCAATAATTAGG 4935
Db 216 TGAGAGGTTGATGAATGGAATTCCTTTCATCTATATATGCAAGTTTCAATAATTAGG 157
Qy 4936 TCTAAGTGGAGTTTAAAGTTTACTGATGACCTTACAAATATGGCTCTGATTTGGCAATA 4995
Db 156 TCTAAGTGGAGTTTAAAGTTTACTGATGACCTTACAAATATGGCTCTGATTTGGCAATA 97
Qy 4996 CTCATTTGAGTTCCTTCCATTTGACCTAAATTTAACTGGTGAATTTAAAGTGAATTCATG 5055
Db 96 CTCATTTGAGTTCCTTCCATTTGACCTAAATTTAACTGGTGAATTTAAAGTGAATTCATG 37
Qy 5056 GGCTCACTTTTAAAGCTTTTACTAAAGATTTTTCAG 5091
Db 36 GGCTCATCTTTTAAAGCTTTTACTAAAGATTTTTCAG 1
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Result No.	Score	Query Match	length	DB	ID	Description
1	2937	35.6	3934	3	US-09-226-568-18	Sequence 18, Appl
2	2818	34.1	3946	1	US-08-077-848A-1	Sequence 1, Appl
3	2818	34.1	3946	3	US-09-211-640-1	Sequence 1, Appl
4	2818	34.1	3946	3	US-09-378-536-1	Sequence 1, Appl
5	2818	34.1	3946	4	US-09-687-260-1	Sequence 1, Appl
6	2818	34.1	3946	5	PCR-US94-03547-1	Sequence 1, Appl
7	138	1.7	440	4	US-09-702-705-403	Sequence 403, App
8	138	1.7	440	4	US-09-736-457-403	Sequence 403, App
9	138	1.7	440	4	US-09-614-124B-403	Sequence 403, App
10	138	1.7	440	4	US-09-671-325-403	Sequence 403, App
11	138	1.7	440	4	US-09-589-184-403	Sequence 403, App
12	118	1.4	445	4	US-09-621-976-8239	Sequence 8239, Ap
13	73	0.9	556	4	US-09-621-976-3389	Sequence 3389, Ap
14	57	0.7	506	4	US-09-621-976-1689	Sequence 1689, Ap
15	57	0.7	629	4	US-09-833-381-1017	Sequence 1017, Ap
16	55	0.7	36741	3	US-09-301-665-3	Sequence 3, Appl
17	49	0.6	4398	4	US-09-621-976-2829	Sequence 2829, Ap
18	47	0.6	43950	4	US-09-735-934A-3	Sequence 3, Appl
19	47	0.6	43950	4	US-10-060-332-3	Sequence 3, Appl
20	46	0.6	475	4	US-09-621-976-7898	Sequence 7898, Ap
21	46	0.6	9377	4	US-09-801-874-3	Sequence 3, Appl
22	44	0.5	867	1	US-08-033-857A-9	Sequence 9, Appl
23	44	0.5	867	1	US-08-374-983A-9	Sequence 9, Appl
24	44	0.5	867	1	US-08-374-983A-13	Sequence 13, Appl
25	44	0.5	50000	4	US-09-146-053-3	Sequence 3, Appl
26	44	0.5	70000	4	US-09-851-896-3	Sequence 3, Appl
27	43	0.5	6060	5	PCR-US96-09430-7	Sequence 7, Appl

1296 ATTGAGAGTCACTGTCTGAGAGAGCAAGTTCAGTTTCAGCAACAAACAACCTTTGTT 1355
4127 TGGGAAGCTATGGAAGAGGACTTTTATGATTAGTGAAGATGGTAGGGTGAAGAGACTTAA 4186
1356 TGGGAAGCTATGGAAGAGGACTTTTATGATTAGTGAAGATGGTAGGGTGAAGAGACTTAA 1415
4187 TTTCTCTGTTGAGAACAGGAAGTGGCCAGTAGCCAGGCAAGTACATAGNATTCATTTACCC 4246
1416 TTTCTCTGTTGAGAACAGGAAGTGGCCAGTAGCCAGGCAAGTACATAGNATTCATTTACCC 1475
4247 CCCGAATTCATTAATTACTCTAGTAGTGTGTTAAGAGAGCACCTAAGAAATGCCAGTGACCT 4306
1476 CCCGAATTCATTAATTACTCTAGTAGTGTGTTAAGAGAGCACCTAAGAAATGCCAGTGACCT 1535
4307 GTGTAAAGTTTACAAGTAATAGAACTATGACTGTAAAGCCTCAGTACTGTACAGAGGAGC 4366
1536 GTGTAAAGTTTACAAGTAATAGAACTATGACTGTAAAGCCTCAGTACTGTACAGAGGAGC 1595
4367 TTTTCCCTCTCTAATTAGCTTTCCAGATATACCTTTAGAAAGTCCAAAGTGTTCAGGAC 4426
1596 TTTTCCCTCTCTAATTAGCTTTCCAGATATACCTTTAGAAAGTCCAAAGTGTTCAGGAC 1655
4427 TTTTATACCTGTTATACCTTTGGCTGGTTCATGATTCCTTATTTATAGCCTAGTTTAT 4486
1656 TTTTATACCTGTTATACCTTTGGCTGGTTCATGATTCCTTATTTATAGCCTAGTTTAT 1715
4487 CACCAATAACTTTGACGGAAGGCTCAGTAATAGTTATGATTAATGATATCCTCAATTC 4546
1716 CACCAATAACTTTGACGGAAGGCTCAGTAATAGTTATGATTAATGATATCCTCAATTC 1775
4547 TTAAGACAGCTGTGAATGTTTGTAAATTTGTAAAAATGTTATATATTTTACAGAAAGTCTAAT 4606
1776 TTAAGACAGCTGTGAATGTTTGTAAATTTGTAAAAATGTTATATATTTTACAGAAAGTCTAAT 1835
4607 CCTTGAAGACAGGAGTATCGAATTTACATTTAGTTTATTTTTCATACCCCTTTTGAACCTTG 4666
1836 CCTTGAAGACAGGAGTATCGAATTTACATTTAGTTTATTTTTCATACCCCTTTTGAACCTTG 1895
4667 CAACCTCCGTAATTTAGGAACCTGTTTCTTACAGCTTTTCTATGCTAAACTTTGTTCTGTT 4726
1896 CAACCTCCGTAATTTAGGAACCTGTTTCTTACAGCTTTTCTATGCTAAACTTTGTTCTGTT 1955
4727 CAGTTCTAGAGTGATACAGAACCAATGTATGTACTGTATGCTACAGACTGGTTGTAGTG 4786
1956 CAGTTCTAGAGTGATACAGAACCAATGTATGTACTGTATGCTACAGACTGGTTGTAGTG 2015
4787 GAACAAATCTGATAACTATGACAGTGTAAATTTTCTTATCTGATTTTGGTAAGTATTCCT 4846
2016 GAACAAATCTGATAACTATGACAGTGTAAATTTTCTTATCTGATTTTGGTAAGTATTCCT 2075
4847 TAGATAGGTTTCTTTGAAAACCTGGGANTGAGAGGTTGATGAATGGAATTCCTTCACT 4906
2076 TAGATAGGTTTCTTTGAAAACCTGGGANTGAGAGGTTGATGAATGGAATTCCTTCACT 2135
4907 TCATTATATCAAGTTTTCATTAATTTAGTCTAAGTGGAGTTTAAAGTTTACTGATGACT 4966
2136 TCATTATATCAAGTTTTCATTAATTTAGTCTAAGTGGAGTTTAAAGTTTACTGATGACT 2195
4967 TACAAATATGGGCTCTGATTGGGCAATFACATTTGAGTTCCTTCCATTTGACCTTAAT 5026
2196 TACAAATATGGGCTCTGATTGGGCAATFACATTTGAGTTCCTTCCATTTGACCTTAAT 2255
5027 TAACTGGTGAATTTTAAAGTGAATTCATGGGCTCATCTTTTAAAGCTTTTACTAAAGATT 5086
2256 TAACTGGTGAATTTTAAAGTGAATTCATGGGCTCATCTTTTAAAGCTTTTACTAAAGATT 2315
5087 TTCAGCTGAATGGAACCTCATTTAGCTGTGTGATATAAAAGATCACATCAGGTGGATGGA 5146
2316 TTCAGCTGAATGGAACCTCATTTAGCTGTGTGATATAAAAGATCACATCAGGTGGATGGA 2375
5147 GAGACATTTGATCCCTTTGTTTCTTAAATTAATTAATTAATTAATTAATTAATTAATTAAT 5206

2376 GAGACATTTGATCCCTGTTGCTTCTTAATAAATTATAAATGATGGCTTGGAAAAACGAGC 2435
5207 TAGTCTAACCATGCTGCTATTAATTAGGCTGCTGTTTACACACACAGGCTTAAGCTAGT 5266
2436 TAGTCTAACCATGCTGCTATTAATTAGGCTGCTGTTTACACACACAGGCTTAAGCTAGT 2495
5267 ATGTCAATAAAGCAAACTACTTACTGTTTGTGTTTCTTATTAATGATTCCTCAAACTTTGTTGC 5326
2496 ATGTCAATAAAGCAAACTACTTACTGTTTGTGTTTCTTATTAATGATTCCTCAAACTTTGTTGC 2555
5327 AAGTTTTTGCATGCGCATCTTTTGGATTTTCACTTCTGATTTGTTTCTTATCAGACTTAACC 5386
2556 AAGTTTTTGCATGCGCATCTTTTGGATTTTCACTTCTGATTTGTTTCTTATCAGACTTAACC 2615
5387 TTTTATTTCCCTGCTTCTTCTGAAATTCCTGATTTGTTTCTGCTCCCTCTACAGATATTAT 5446
2616 TTTTATTTCCCTGCTTCTTCTGAAATTCCTGATTTGTTTCTGCTCCCTCTACAGATATTAT 2675
5447 ATCAATTCCTACAGCTTTTCCCTGCGCATCTTCTGAACTCTTCTAGCCCTTTTATAGATTTTG 5506
2676 ATCAATTCCTACAGCTTTTCCCTGCGCATCTTCTGAACTCTTCTAGCCCTTTTATAGATTTTG 2735
5507 GCATGTGAAACCCCTGCTGGAACCTGAGTGACCTCTCTCCCAACCAAGAGTCCACAG 5566
2736 GCATGTGAAACCCCTGCTGGAACCTGAGTGACCTCTCTCCCAACCAAGAGTCCACAG 2795
5567 ACCTTTTCTATCTTACAGAACTTGTCTTGTAGCAGGTGTTAATACCATGGGTGCTGTGA 5626
2796 ACCTTTTCTATCTTACAGAACTTGTCTTGTAGCAGGTGTTAATACCATGGGTGCTGTGA 2855
5627 CATTAACAGCTATTCAGAGGTGGAGAACTCTCTTTTCTTTGGAAGTCTGATCTTTTCAA 5686
2856 CATTAACAGCTATTCAGAGGTGGAGAACTCTCTTTTCTTTGGAAGTCTGATCTTTTCAA 2915
5687 CTATTGTTTATCTCTGCTTTTGGGGCAATGTGTCAAAAGTCCCTCAGGAATTTTTCAGA 5746
2916 CTATTGTTTATCTCTGCTTTTGGGGCAATGTGTCAAAAGTCCCTCAGGAATTTTTCAGA 2975
5747 GGAAAGAACATTTTATAGGCTTTCTTAAAGTTTCTTTGATAGGAGTATGCTCACTT 5806
2976 GGAAAGAACATTTTATAGGCTTTCTTAAAGTTTCTTTGATAGGAGTATGCTCACTT 3035
5807 AAATTTTACAGAAAGGTGAGCTGTAAACCTCAGAGTTTAAAGCTTACTGATAAAT 5866
3036 AAATTTTACAGAAAGGTGAGCTGTAAACCTCAGAGTTTAAAGCTTACTGATAAAT 3095
5867 GAAGAAAGTGTCTATTTTGGAACTAGGCTCAATTTGAAAGCTTCACTCTCGGAACATGACC 5926
3096 GAAGAAAGTGTCTATTTTGGAACTAGGCTCAATTTGAAAGCTTCACTCTCGGAACATGACC 3155
5927 TTTAGTCTGTGACCTCCATTTTAAATAGGTATGATTAAGTACTAAGATGTAATGGG 5986
3156 TTTAGTCTGTGACCTCCATTTTAAATAGGTATGATTAAGTACTAAGATGTAATGGG 3215
5987 GAAGAACTGCTCTGCTGCCATCTCAGAGCCATTAAGGTCACTTTTGTAGAGCTATTTT 6046
3216 GAAGAACTGCTCTGCTGCCATCTCAGAGCCATTAAGGTCACTTTTGTAGAGCTATTTT 3275
6047 TACCTATGATTTATCTGTTTGTATCAAGCGGTATTTATATCATGTATCTCTAAGG 6106
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6107 ACCTAAAGACCTTATGTAGTTTTTAAATTAATCTTAAGACTGCTGTTACGGTAACTAAAA 6166
3336 ACCTAAAGACCTTATGTAGTTTTTAAATTAATCTTAAGACTGCTGTTACGGTAACTAAAA 3395
6167 GCCTGTCTGCCAAATCCAGTGGAAACAAGTGATAGATGTAATTTGGTTTTTATAGGGGCC 6226
3396 GCCTGTCTGCCAAATCCAGTGGAAACAAGTGATAGATGTAATTTGGTTTTTATAGGGGCC 3455
6227 CACTTCCCAATTCATTAGGTATGCTGTGGAAATAACAGCAAGGACTTAGTTGATTTT 6286
3456 CACTTCCCAATTCATTAGGTATGCTGTGGAAATAACAGCAAGGACTTAGTTGATTTT 3515

QY 6287 GGGCTGGGGAGTCAAGGCTTAGGACACCCCAAGTGGTTGGGAAAGGAGGAGGAGTG 6346
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Db 3516 GGGCTGGGGAGTCAAGGCTTAGGACACCCCAAGTGGTTGGGAAAGGAGGAGGAGTG 3575
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QY 6347 GTGGGTTTATAGGGGAGGAGGAGGAGTGGTCTAAGTGGTCACTGGCTAGTGTGG 6406
| | | | |
Db 3576 GTGGGTTTATAGGGGAGGAGGAGGAGTGGTCTAAGTGGTCACTGGCTAGTGTGG 3635
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QY 6407 GCAATCTCCAAAAGGAAAGGAGGAGTGGTCTAGGAGGAGTGGGGTCCCAAGTGACTA 6466
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Db 3636 GCAATCTCCAAAAGGAAAGGAGGAGTGGTCTAGGAGGAGTGGGGTCCCAAGTGACTA 3695
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QY 6467 CTTTTGACTTCTGTTCTTACGCTTCTCTCAGGAAACATGCACTCTCTAGTGT 6526
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Db 3696 CTTTTGACTTCTGTTCTTACGCTTCTCTCAGGAAACATGCACTCTCTAGTGT 3755
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QY 6527 TTCATGTACATCTCTGGGGGTGAACACCTTGGTTCTGGTTAAACAGCTCTACTTTTGA 6586
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Db 3756 TTCATGTACATCTCTGGGGGTGAACACCTTGGTTCTGGTTAAACAGCTCTACTTTTGA 3815
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QY 6587 TAGCTGTCCAGGAGGTTAGGACCAACTACAAATTAATGTTGGTGTCAATGTAGTG 6646
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Db 3816 TAGCTGTCCAGGAGGTTAGGACCAACTACAAATTAATGTTGGTGTCAATGTAGTG 3875
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QY 6647 TGTTCCTTAACTTCTGTTTTCTGAGAAATAAATAAATCTTTTAAATA 6703
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Db 3876 TGTTCCTTAACTTCTGTTTTCTGAGAAATAAATAAATCTTTTAAATA 3932
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RESULT 2

US-08-077-848A-1
; Sequence 1, Application US/08077848A
; Patent No. 5470955
; GENERAL INFORMATION:
; APPLICANT: Craig, Ruth W.
; TITLE OF INVENTION: ANTIBODIES WHICH SPECIFICALLY BIND mcl-1
; TITLE OF INVENTION: POLYPEPTIDE
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Spensley Horn Jubas & Lubitz
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/077,848A
; FILING DATE: 16-JUN-1993
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D., Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: PD-2845
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO. 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3946 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mcl-1
; FEATURE:
; NAME/KEY: CDS

LOCATION: 61..1110 /note= "When nucleotide 740 = C,
OTHER INFORMATION: amino acid 227 = A; when nucleotide 740 = T, amino
; OTHER INFORMATION: acid 227 = V."
US-08-077-848A-1
Query Match 34.1%; Score 2818; DB 1; Length 3946;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2869; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3767 GGATGGGTTGTGGAGTTCTTCCATGTAGAGGACCTAGAGGTTGGCATCAGGAATGTGCT 3826
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Db 996 GGATGGGTTGTGGAGTTCTTCCATGTAGAGGACCTAGAGGTTGGCATCAGGAATGTGCT 1055
| | | | |
QY 3827 GCTGGCTTTTGGCAGTGTGTGCTGGAGTAGAGCTGGTTGGCATATCTAATAAGATAGCC 3886
| | | | |
Db 1056 GCTGGCTTTTGGCAGTGTGTGCTGGAGTAGAGCTGGTTGGCATATCTAATAAGATAGCC 1115
| | | | |
QY 3887 TTAAGTGAAGTCAATAGTTGACCTTTTAAACCAACCAACCAACCAACCAACCAACCAAGT 3946
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Db 1116 TTAAGTGAAGTCAATAGTTGACCTTTTAAACCAACCAACCAACCAACCAACCAACCAAGT 1175
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QY 3947 GCAGTTGGACTCCAAAGCTGTAACTTCTAGAGTTGCACTAGCAACCTAGCAACCTAGCAAAAG 4006
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Db 1176 GCAGTTGGACTCCAAAGCTGTAACTTCTAGAGTTGCACTAGCAACCTAGCAACCTAGCAAAAG 1235
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QY 4007 CAAGTGGCAGAGGATTAATGGCTTAAACAGATTAATACATGGAAGAGTGCTCCCATTTG 4066
| | | | |
Db 1236 CAAGTGGCAGAGGATTAATGGCTTAAACAGATTAATACATGGAAGAGTGCTCCCATTTG 1295
| | | | |
QY 4067 ATTGAAGAGTCACTGTCTGAAGAAGCAAAAGTTCACTTTTCAAGCAACCAAACTTTGTT 4126
| | | | |
Db 1296 ATTGAAGAGTCACTGTCTGAAGAAGCAAAAGTTCACTTTTCAAGCAACCAAACTTTGTT 1355
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QY 4127 TGGGAAGCTATGAGGAGGAGTCTTTAGATTTAGTGAAGTGGTAGGTTGGAGAGCTTAA 4186
| | | | |
Db 1356 TGGGAAGCTATGAGGAGGAGTCTTTAGATTTAGTGAAGTGGTAGGTTGGAGAGCTTAA 1415
| | | | |
QY 4187 TTTCTCTTGTGAGACAGGAAAGTGGCCAGTAGTCCAGGCAAGTCAATAGATTTGATTACCC 4246
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Db 1416 TTTCTCTTGTGAGACAGGAAAGTGGCCAGTAGTCCAGGCAAGTCAATAGATTTGATTACCC 1475
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QY 4247 GCGAATTCATTAATTTACTGTAGTAGTGTTAAGAGAGCACTAAGAAATGCCAGTCACT 4306
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Db 1476 GCGAATTCATTAATTTACTGTAGTAGTGTTAAGAGAGCACTAAGAAATGCCAGTCACT 1535
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QY 4307 GTCTAAAAGTTACAAGTAATAGAACTATGACTTAAGCCCTCAGTACTGTACAGGGAAGC 4366
| | | | |
Db 1536 GTCTAAAAGTTACAAGTAATAGAACTATGACTTAAGCCCTCAGTACTGTACAGGGAAGC 1595
| | | | |
QY 4367 TTTTCTCTCTCTAAATAGCTTTCCAGTATATCTTCTTAGAAGTCCAGTGTTCAGGAC 4426
| | | | |
Db 1596 TTTTCTCTCTCTAAATAGCTTTCCAGTATATCTTCTTAGAAGTCCAGTGTTCAGGAC 1655
| | | | |
QY 4427 TTTTATACCTGTTATATCTTGGCTTGGTCCATGATTTCTATTATTAGCCCTAGTTTAT 4486
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Db 1656 TTTTATACCTGTTATATCTTGGCTTGGTCCATGATTTCTATTATTAGCCCTAGTTTAT 1715
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QY 4487 CACCAATAATATCTTGACGGAAGGCTCAGTAATATGATTAATGAATATGATATCTCAATTC 4546
| | | | |
Db 1716 CACCAATAATATCTTGACGGAAGGCTCAGTAATATGATTAATGAATATGATATCTCAATTC 1775
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QY 4547 TTAAGACAGCTTGAATATGATTTGTAATAATTTGATATATATTTTACAGAAAGTCTATTT 4606
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Db 1776 TTAAGACAGCTTGAATATGATTTGTAATAATTTGATATATATTTTACAGAAAGTCTATTT 1835
| | | | |
QY 4607 CCTTGAACGGAAGAGTATCGAATTTACATTTAGTTTTTTTTCATACCCCTTTGAACCTTTG 4666
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Db 1836 CCTTGAACGGAAGAGTATCGAATTTACATTTAGTTTTTTTTCATACCCCTTTGAACCTTTG 1895
| | | | |
QY 4667 CAACCTCCGTAATAGGAACTGTTTCTTACAGCTTTTCTATGCTAAACCTTTGTTCTGTT 4726
| | | | |
Db 1896 CAACCTCCGTAATAGGAACTGTTTCTTACAGCTTTTCTATGCTAAACCTTTGTTCTGTT 1955
| | | | |

[illegible]

QY	4907	TCATTATATGCAAGTTTTCAAATAATATAGGCTTAAGTGGAGTGTTTTAAAGTTACTCATGACT	4966
DB	2136	TCATTATATGCAAGTTTTCAAATAATATAGGCTTAAGTGGAGTGTTTTAAAGTTACTCATGACT	2195
QY	4967	TACAAAATAATGGGCTCTGATTTGGGCAATACTCATTTGAGTTCCTTCATTTTGACCTAATT	5036
DB	2196	TACAAAATAATGGGCTCTGATTTGGGCAATACTCATTTGAGTTCCTTCATTTTGACCTAATT	2255
QY	5027	TAACTGGTGAATAATTTAAAGTGAATTCATGGGCTCATCTTTAAAGCTTTTACTATAAAGATT	5086
DB	2256	TAACTGGTGAATAATTTAAAGTGAATTCATGGGCTCATCTTTAAAGCTTTTACTATAAAGATT	2315
QY	5087	TTGAGCTGAATGGGAACATCATTTAGCTGTGTGCATATAAAGATACACATCAGGTGGATGGA	5148
DB	2316	TTGAGCTGAATGGGAACATCATTTAGCTGTGTGCATATAAAGATACACATCAGGTGGATGGA	2375
QY	5147	GAGACATTTGATCCCTTTGTTTGTCTTAATAAATATAAATGATGGCTTGGAAAAACGAGGC	5206
DB	2376	GAGACATTTGATCCCTTTGTTTGTCTTAATAAATATAAATGATGGCTTGGAAAAACGAGGC	2435
QY	5207	TAGTCTAACCATGTGTCTATTATTAGCTTGTCTTGTTTACACACACAGGCTCTAAGCCTTAGT	5266
DB	2436	TAGTCTAACCATGTGTCTATTATTAGCTTGTCTTGTTTACACACACAGGCTCTAAGCCTTAGT	2495
QY	5267	ATGTCAATAAAGCAAAATACTTACTGTTTTGTCTTCTAATAATGATTCGCAAACTTGTTCG	5326
DB	2496	ATGTCAATAAAGCAAAATACTTACTGTTTTGTCTTCTAATAATGATTCGCAAACTTGTTCG	2555
QY	5327	AAGTTTTTGCAATGGCATCTTTGGAATTCAGTCTTTGATAGTTTGTTCATATCAGACTTAACC	5386
DB	2556	AAGTTTTTGCAATGGCATCTTTGGAATTCAGTCTTTGATAGTTTGTTCATATCAGACTTAACC	2615
QY	5387	TTTTTATTTCCGTCTCCTTTGAAATTCGTGATTTGTTCTGCTCCCTCTACAGATATTAT	5446
DB	2616	TTTTTATTTCCGTCTCCTTTGAAATTCGTGATTTGTTCTGCTCCCTCTACAGATATTAT	2675
QY	5447	ATCAATTCCTACAGCTTTCCCTCCCATCCCTGAACTCTTTCTAGCCCTTTTAGATTTTG	5506
DB	2676	ATCAATTCCTACAGCTTTCCCTCCCATCCCTGAACTCTTTCTAGCCCTTTTAGATTTTG	2735
QY	5507	GCATGTGAACCCCTCGTGGAAACCTGAGTGACCTCCCTCCCAACCAAGAGTCCACAG	5566
DB	2736	GCATGTGAACCCCTCGTGGAAACCTGAGTGACCTCCCTCCCAACCAAGAGTCCACAG	2795
QY	5567	ACCTTTTCATCTTTACGAACTTGATCTCTGTTAGCAGGTGGTAAATACCATGGGTGCTGTGA	5626
DB	2796	ACCTTTTCATCTTTACGAACTTGATCTCTGTTAGCAGGTGGTAAATACCATGGGTGCTGTGA	2855
QY	5627	CACATAACAGTCATTTGAGAGGTGGGAGAGTCCCTTTTCCCTGGACTGTGTATCTTTTCAA	5686
DB	2856	CACATAACAGTCATTTGAGAGGTGGGAGAGTCCCTTTTCCCTGGACTGTGTATCTTTTCAA	2915
QY	5687	CTATTGTTTTATCTCTGCTTTTGGGGGCAATGTGTCAAAAGTCCCTCAGGAAATTTTCAGA	5746
DB	2916	CTATTGTTTTATCTCTGCTTTTGGGGGCAATGTGTCAAAAGTCCCTCAGGAAATTTTCAGA	2975
QY	5747	GGAAAGAACATTTTATGAGGCTTTCTCTAAAGTTTCTTTGTATAGAGATATGCTCACTT	5806
DB	2976	GGAAAGAACATTTTATGAGGCTTTCTCTAAAGTTTCTTTGTATAGAGATATGCTCACTT	3035
QY	5807	AAATTTACAGAAAGAGGTGAGCTGTGTGTAAACCTCAGAGTTTAAAGCTACTGTATAAAT	5866
DB	3036	AAATTTACAGAAAGAGGTGAGCTGTGTGTAAACCTCAGAGTTTAAAGCTACTGTATAAAT	3095
QY	5867	GAAGAAAGTGTCTATATTGGAACCTAGGGTCAATTTGAAAGCTTCAGTCTCGGAACATGACC	5926
DB	3096	GAAGAAAGTGTCTATATTGGAACCTAGGGTCAATTTGAAAGCTTCAGTCTCGGAACATGACC	3155
QY	5927	TTTATGCTGTGGACTCCATTTAAATAATAGGTATGAAATGACATGAAGAAATGTAAATGGG	5986
DB	3156	TTTATGCTGTGGACTCCATTTAAATAATAGGTATGAAATGACATGAAGAAATGTAAATGGG	3215
QY	5987	GAAGAACTGCCTCGCTCCCATCTCAGAGCCCATTAAGGTCATCTTTGCTAGAGCTATTTT	6046

Db 93 TGTCTTACGCTTCTCTCAGGAAAAACATGCAGTCCCTCTAGTGTCTTTCATGTACATTCTGT 34
QY 6543 GGGGGGTGA 6551
Db 33 GGGGGGTGA 25

RESULT 8

US-09-736-457-403/c
; Sequence 403, Application US/09736457

; Patent No. 6509448

; GENERAL INFORMATION:

; APPLICANT: Wang, Tongtong

; APPLICANT: Bangur, Chaitanya S.

; APPLICANT: Lodes, Michael A.

; APPLICANT: Fanger, Gary

; APPLICANT: Vedvick, Tom

; APPLICANT: Carter, Darrick

; APPLICANT: Retter, Marc

; APPLICANT: Mannion, Jane

; APPLICANT: Fan, Liqun

; APPLICANT: Wang, Aijun

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; FILE REFERENCE: 210121.478C15

; CURRENT APPLICATION NUMBER: US/09/736,457

; CURRENT FILING DATE: 2000-12-13

; NUMBER OF SEQ ID NOS: 1864

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 403

; LENGTH: 440

; TYPE: DNA

; ORGANISM: Homo sapien

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1)...(440)

; OTHER INFORMATION: n = A,T,C or G

US-09-736-457-403

Query Match 1.7%; Score 138; DB 4; Length 440;
Best Local Similarity 99.5%; Pred. No. 4.4e-54;
Matches 188; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6363 GGAGGAGGAGGTGCTTAAGTCTGCTAGCTAGTTCGGGCAAAATCCTCCAAAAG 5422
Db 213 GGAGGAGGAGGTGCTTAAGTCTGCTAGCTAGTTCGGGCAAAATCCTCCAAAAG 154
QY 6423 GGAAGGAGGAGATTGCTTAGAAGGATGGGCTCCCAAGTACTACTTTTGTCTGT 6482
Db 153 GGAAGGAGGAGATTGCTTAGAAGGATGGGCTCCCAAGTACTACTTTTGTCTGT 94

QY 6483 TGTCTTACGCTTCTCTCAGGAAAAACATGCAGTCCCTCTAGTGTTCATGTACATTCTGT 6542
Db 93 TGTCTTACGCTTCTCTCAGGAAAAACATGCAGTCCCTCTAGTGTTCATGTACATTCTGT 34

QY 6543 GGGGGGTGA 6551

Db 33 GGGGGGTGA 25

RESULT 9

US-09-614-124B-403/c

; Sequence 403, Application US/09614124B

; Patent No. 6630574

; GENERAL INFORMATION:

; APPLICANT: Wang, Tongtong

; APPLICANT: Bangur, Chaitanya S.

; APPLICANT: Lodes, Michael A.

; APPLICANT: Fanger, Gary

; APPLICANT: Vedvick, Tom

; APPLICANT: Carter, Darrick

; APPLICANT: Retter, Marc

; APPLICANT: Mannion, Jane

; APPLICANT: Mannion, Jane

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND

; FILE REFERENCE: 210121.478C9

; CURRENT APPLICATION NUMBER: US/09/614,124B

; CURRENT FILING DATE: 2001-07-11

; NUMBER OF SEQ ID NOS: 1668

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 403

; LENGTH: 440

; TYPE: DNA

; ORGANISM: Homo sapien

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1)...(440)

; OTHER INFORMATION: n = A,T,C or G

US-09-614-124B-403

Query Match 1.7%; Score 138; DB 4; Length 440;
Best Local Similarity 99.5%; Pred. No. 4.4e-54;
Matches 188; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6363 GGAGGAGGAGGTGCTTAAGTCTGCTAGCTAGTTCGGGCAAAATCCTCCAAAAG 6422
Db 213 GGAGGAGGAGGTGCTTAAGTCTGCTAGCTAGTTCGGGCAAAATCCTCCAAAAG 154

QY 6423 GGAAGGAGGAGATTGCTTAGAAGGATGGGCTCCCAAGTACTACTTTTGTCTGT 6482
Db 153 GGAAGGAGGAGATTGCTTAGAAGGATGGGCTCCCAAGTACTACTTTTGTCTGT 94

QY 6483 TGTCTTACGCTTCTCTCAGGAAAAACATGCAGTCCCTCTAGTGTTCATGTACATTCTGT 6542
Db 93 TGTCTTACGCTTCTCTCAGGAAAAACATGCAGTCCCTCTAGTGTTCATGTACATTCTGT 34

QY 6543 GGGGGGTGA 6551

Db 33 GGGGGGTGA 25

RESULT 10

US-09-671-325-403/c

; Sequence 403, Application US/09671325

; Patent No. 6667154

; GENERAL INFORMATION:

; APPLICANT: Wang, Tongtong

; APPLICANT: Bangur, Chaitanya S.

; APPLICANT: Lodes, Michael A.

; APPLICANT: Fanger, Gary

; APPLICANT: Vedvick, Tom

; APPLICANT: Carter, Darrick

; APPLICANT: Retter, Marc

; APPLICANT: Mannion, Jane

; APPLICANT: Fan, Liqun

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; FILE REFERENCE: 210121.478C12

; CURRENT APPLICATION NUMBER: US/09/671,325

; CURRENT FILING DATE: 2000-09-26

; NUMBER OF SEQ ID NOS: 1825

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 403

; LENGTH: 440

; TYPE: DNA

; ORGANISM: Homo sapien

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1)...(440)

; OTHER INFORMATION: n = A,T,C or G

US-09-671-325-403

Query Match 1.7%; Score 138; DB 4; Length 440;
Best Local Similarity 99.5%; Pred. No. 4.4e-54;
Matches 188; Conservative 0; Mismatches 1; Indels 0; Gaps 0;


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; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 1689
; LENGTH: 506
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 28..324
; NAME/KEY: sig peptide
; LOCATION: 28..264
; OTHER INFORMATION: Von Heijne matrix
; OTHER INFORMATION: score 5
; OTHER INFORMATION: seq LFTSFVILQLQA/IW
US-09-621-976-1689

Query Match          0.7%; Score 57; DB 4; Length 506;
Best Local Similarity 100.0%; Pred.No. 2.2e-16;
Matches 57; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      161 TGTGAGGCTCTGAGCCCAAGCCCAAGCCATCGCATCCCTGTGACTTGCAAGTATAC 217
      |||||
Db      329 TGTGAGGCTCTGAGCCCAAGCCCAAGCCATCGCATCCCTGTGACTTGCAAGTATAC 273

RESULT 15
US-09-833-381-1017/c
; Sequence 1017, Application US/09833381
; Patent No. 6672186
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E.
; TITLE OF INVENTION: No. 6672186el Nucleic Acid and Protein Homologs
; FILE REFERENCE: 5800-119
; CURRENT APPLICATION NUMBER: US/09/833,381
; CURRENT FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 09/516,448
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 2050
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1017
; LENGTH: 629
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(629)
; OTHER INFORMATION: n = A,T,C or G
US-09-833-381-1017

Query Match          0.7%; Score 57; DB 4; Length 629;
Best Local Similarity 100.0%; Pred.No. 2.2e-16;
Matches 57; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      161 TGTGAGGCTCTGAGCCCAAGCCCAAGCCATCGCATCCCTGTGACTTGCAAGTATAC 217
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Db      411 TGTGAGGCTCTGAGCCCAAGCCCAAGCCATCGCATCCCTGTGACTTGCAAGTATAC 355
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Search completed: May 3, 2004, 17:20:09
Job time : 364 secs